

1998 REGION TO REGION
PUBLIC DOMAIN DATA BASE
by Origin

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The following data reflects the movement from region to region of a commodity by tonnage. In order to protect the confidentiality of the data provided by individual companies, the following procedures were implemented.

PROCEDURE 1:

Specific commodities were changed to more general categories. For example sugar becomes labeled as "Food and Food Products," sulphur becomes "Chemicals excluding Fertilizer," and gasoline becomes a "Petroleum Product."

PROCEDURE 2:

If three or more vessel operating companies do not carry a particular commodity from a region of origin to a region of destination, then that commodity is reclassified to "Unknown and Not Elsewhere Classified Products." For example, if only two companies carry farm products from the Tennessee River to the Arkansas River, the tonnage for those farm products would be classified under "Unknown and Not Elsewhere Classified Products."

Public Domain Database Region Codes and descriptions that are included in this database.

Region	Region Description *
1 Upper Mississippi River	Minneapolis, MN to mouth of Illinois River
2 Lower Upper Mississippi River	Mouth of Illinois River to mouth of Ohio River (Cairo, IL)
3 Lower Miss: Cairo - Baton Rouge	Mouth of Ohio River (Cairo IL) to Baton Rouge, LA
4 Lower Miss: Baton Rouge - Gulf	Baton Rouge, LA (including port) to Gulf and other channels and rivers
5 Illinois Waterway	Chicago, IL (Chicago River Lock) to mouth of Illinois River
6 Missouri River	Sioux City, IA to mouth at Mississippi River
7 Ohio River System	Heads of navigation to mouth
8 Tennessee River	Head of navigation above Knoxville, TN to mouth
9 Arkansas River	Catoosa, OK (near Tulsa) to mouth
10 Gulf Coast West	New Orleans to Brownsville, TX
11 Gulf Coast East	New Orleans to Key West, FL
12 Mobile River & Tributaries	Head of navigation to mouth (includes Tennessee-Tombigbee)
13 South Atlantic Coast	Key West, FL to North Carolina/Virginia border
14 Middle Atlantic Coast	North Carolina/Virginia border to New York/Connecticut (includes Hudson river)
15 North Atlantic Coast	New York/Connecticut border to Canadian border
16 Great Lakes System	Great Lakes, St. Lawrence Seaway, and New York State waterways
17 Washington/Oregon Coast	Puget Sound to California/Oregon border
18 Columbia/Snake/Willamette	Lewiston, ID to mouth
19 California Coast	California/Oregon border to Mexican border
20 Alaska	Alaska
21 Hawaii & Pacific Territory	Hawaii & Pacific Territory
22 Carribean	Carribean
23 Canada	Canada
24 Rest of World (Overseas)	Foreign Ports
25 Trans-Shipement Area	Ports and offshore anchorages where cargo is moved from one vessel to another
26 Other	Open water such as oil rigs, fishing areas

* All tributaries are included in the above regions. For example, the Arkansas river includes the Verdigris, White and Black Rivers.

Includes Intransit Merchandise: Inbound merchandise coming into the United Regions from a foreign country without having been entered as an import. Intransit merchandise is treated as an IMPORT when unloaded from a vessel and as an EXPORT when loaded onto a vessel.

Public Domain Database Commodity Codes and Names and their Cross-Reference
with the Waterborne Commerce of the United Regions Publications.

Commodity Codes and Names.

Pddb Code	Public Domain Commodity Name	Comm No.	Commodity Name
1000	Coal, Lignite, and Coal Coke	1100	Coal Lignite
		1200	Coal Coke
2100	Crude Petroleum	2100	Crude Petroleum
2229	Petroleum Products	2211	Gasoline
		2221	Kerosene
		2330	Distillate Fuel Oil
		2340	Residual Fuel Oil
		2350	Lube Oil & Greases
		2410	Petro. Jelly & Waxes
		2429	Naphtha & Solvents
		2430	Asphalt, Tar & Pitch
		2540	Petroleum Coke
		2640	Liquid Natural Gas
		2990	Petro. Products NEC
3100	Chemical Fertilizers	3110	Nitrogenous Fert.
		3120	Phosphatic Fert.
		3130	Potassic Fert.
		3190	Fert. & Mixes NEC
3200	Chemicals excl. Fertilizers	3211	Acyclic Hydrocarbons
		3212	Benzene & Toluene
		3219	Other Hydrocarbons
		3220	Alcohols
		3230	Carboxylic Acids
		3240	Nitrogen Func. Comp.
		3250	Organo-Inorgan. Comp
		3260	Organic Comp. NEC
		3271	Sulphur (Liquid)
		3272	Sulphuric Acid
		3273	Ammonia
		3274	Sodium Hydroxide
		3275	Inorg. Elem., Oxides, & Halogen
		3276	Metallic Salts
		3279	Inorganic Chem. NEC
		3281	Radioactive Material
		3282	Pigments & Paints
		3283	Coloring Mat. NEC
		3284	Medicines
		3285	Perfumes & Cleansers
		3286	Plastics
		3291	Pesticides
		3292	Starches, Gluten, Glue
		3293	Explosives
		3297	Chemical Additives
		3298	Wood & Resin Chem.
		3299	Chem. Products NEC
		7600	Rubber & Plastic Pr.

Pddb Code	Public Domain Commodity Name	Comm No.	Commodity Name
4142	Lumber, Logs, Wood Chips	4110	Rubber & Gums
		4150	Fuel Wood
		4161	Wood Chips
4142	Lumber, Logs, Chips, Pulp	4170	Wood in the Rough
		4189	Lumber
		4190	Forest Products NEC
		4225	Pulp & Waste Paper
4349	Sand, Gravel, Shells, Clay, Salt and Slag	4310	Building Stone
		4322	Limestone
		4323	Gypsum
		4327	Phosphate Rock
		4331	Sand & Gravel
		4333	Dredged Material
		4338	Soil & Fill Dirt
		4515	Marine Shells
		4741	Sulphur, (Dry)
		4782	Clay & Refrac. Mat.
		4860	Slag
		4900	Non-Metal. Min. NEC
4400	Iron Ore, Iron, & Steel Scrap	4410	Iron Ore
		4420	Iron & Steel Scrap
4600	Non-Ferrous Ores and Scrap	4630	Copper Ore
		4650	Aluminum Ore
		4670	Manganese Ore
		4680	Non-Ferrous Scrap
		4690	Non-Ferrous Ores NEC
5155	Primary Non-Metal Products	5110	Newsprint
		5120	Paper & Paperboard
		5190	Paper Products NEC
		5210	Lime
		5220	Cement & Concrete
		5240	Glass & Glass Prod.
		5290	Misc. Mineral Prod.
		5540	Primary Wood Prod.
5354	Primary Metal Products	5312	Pig Iron
		5315	Ferro Alloys
		5320	I&S Primary Forms
		5330	I&S Plates & Sheets
		5360	I&S Bars & Shapes
		5370	I&S Pipe & Tube
		5390	Primary I&S NEC
		5421	Copper
		5422	Aluminum
5354	Primary Metal Products	5429	Smelted Prod. NEC
		5480	Fab. Metal Products
6168	Food and Food Products	6134	Fish (Not Shellfish)
		6136	Shellfish
		6241	Wheat
		6344	Corn
		6442	Rice
		6443	Barley & Rye

Pddb Code	Public Domain Commodity Name	Comm No.	Commodity Name
6168	Food and Food Products	6445	Oats
		6447	Sorghum Grains
		6521	Peanuts
		6522	Soybeans
		6534	Flaxseed
		6590	Oilseeds NEC
		6653	Vegetable Oils
		6654	Vegetables & Prod.
		6746	Wheat Flour
		6747	Grain Mill Products
		6781	Hay & Fodder
		6782	Animal Feed, Prep.
		6811	Meat, Fresh, Frozen
		6817	Meat, Prepared
		6822	Dairy Products
		6835	Fish, Prepared
		6838	Tallow, Animal Oils
		6839	Animals & Prod. NEC
		6856	Bananas & Plantains
		6857	Fruit & Nuts NEC
		6858	Fruit Juices
		6861	Sugar
		6865	Molasses
		6871	Coffee
		6872	Cocoa Beans
		6885	Alcoholic Beverages
		6887	Groceries
		6888	Water & Ice
		6889	Food Products NEC
		6891	Tobacco & Products
		6893	Cotton
		6894	Natural Fibers NEC
		6899	Farm Products NEC
7000	Manufactured Goods	7110	Machinery (Not Elec)
		7120	Electrical Machinery
		7210	Vehicles & Parts
		7220	Aircraft & Parts
		7230	Ships & Boats
		7300	Ordinance & Access.
		7400	Manufac. Wood Prod.
		7500	Textile Products
		7600	Rubber & Plastic Pr.
		7800	Empty Containers
		7900	Manufac. Prod. NEC
8099	Unknown & Not Elsewhere Classified	8900	Waste and Scrap NEC
		9900	Unknown or NEC

ORIGIN AND DESTINATION OF WATERBORNE COMMERCE OF THE UNITED STATES, 1998

ORIGIN	DESTINATION	CODE	COMMODITY	TONS
Alaska	Alaska	2229	Petroleum Products	1,418,432
		3200	Chemicals excluding Fertilizers	1,143
		4142	Lumber, Logs, Wood Chips, and Pulp	2,163,660
		4349	Sand, Gravel, Shells, Clay, Salt, and Slag	194,395
		5155	Primary Non-Metal Products	3,510
		5354	Primary Metal Products	1,083,453
		6168	Food and Food Products	8,700
		7000	Manufactured Goods	124,687
		8099	Unknown and Not Elsewhere Classified Products	2,102,721
		*****		-----
		sum		7,100,701
California Coast		2100	Crude Petroleum	31,576,509
		2229	Petroleum Products	494,243
		8099	Unknown and Not Elsewhere Classified Products	65,796
		*****		-----
		sum		32,136,548
Canada		3100	Chemical Fertilizers	11,000
		4142	Lumber, Logs, Wood Chips, and Pulp	240,650
		4349	Sand, Gravel, Shells, Clay, Salt, and Slag	4,630
		4600	Non-Ferrous Ores and Scrap	108,146
		6168	Food and Food Products	33,040
		7000	Manufactured Goods	200
		*****		-----
Columbia/Snake/Willamette		2229	Petroleum Products	324,171
		8099	Unknown and Not Elsewhere Classified Products	168,603
*****				-----
		sum		492,774
Hawaii & Pacific Territory		2100	Crude Petroleum	2,594,696
		8099	Unknown and Not Elsewhere Classified Products	5,876
		*****		-----
*****				-----
		sum		2,600,572
Rest of World (Overseas)		1000	Coal, Lignite, and Coal Coke	313,381
		2100	Crude Petroleum	3,079,609
		2229	Petroleum Products	1,801,187
		3100	Chemical Fertilizers	713,676
		3200	Chemicals excluding Fertilizers	669,354
		4142	Lumber, Logs, Wood Chips, and Pulp	1,090,718
		4349	Sand, Gravel, Shells, Clay, Salt, and Slag	7,696
		4600	Non-Ferrous Ores and Scrap	850,470
		5155	Primary Non-Metal Products	274
		5354	Primary Metal Products	165
		6168	Food and Food Products	426,698
		7000	Manufactured Goods	502
		8099	Unknown and Not Elsewhere Classified Products	316

ORIGIN AND DESTINATION OF WATERBORNE COMMERCE OF THE UNITED STATES, 1998

ORIGIN	DESTINATION	CODE	COMMODITY	TONS

	sum			8,954,046
Alaska	Washington/Oregon Coast	2100	Crude Petroleum	23,181,361
		2229	Petroleum Products	160,625
		3200	Chemicals excluding Fertilizers	12,088
		4142	Lumber, Logs, Wood Chips, and Pulp	337,187
		4349	Sand, Gravel, Shells, Clay, Salt, and Slag	75
		4400	Iron Ore, Iron, and Steel Waste and Scrap	20,550
		5155	Primary Non-Metal Products	1,077
		5354	Primary Metal Products	24,210
		6168	Food and Food Products	129,451
		7000	Manufactured Goods	409,060
		8099	Unknown and Not Elsewhere Classified Products	5,204

	sum			24,280,888

sum				75,963,195
Arkansas River	Arkansas River	3100	Chemical Fertilizers	30,767
		4349	Sand, Gravel, Shells, Clay, Salt, and Slag	2,390,365
		8099	Unknown and Not Elsewhere Classified Products	26,219

	sum			2,447,351
	Great Lakes System	1000	Coal, Lignite, and Coal Coke	12,419
		8099	Unknown and Not Elsewhere Classified Products	54,576

	sum			66,995
	Gulf Coast East	8099	Unknown and Not Elsewhere Classified Products	9,009

	sum			9,009
	Gulf Coast West	2229	Petroleum Products	60,078
		6168	Food and Food Products	13,813
		7000	Manufactured Goods	3,420
		8099	Unknown and Not Elsewhere Classified Products	40,042

	sum			117,353
	Illinois Waterway	2229	Petroleum Products	33,013
		4142	Lumber, Logs, Wood Chips, and Pulp	71,480
		8099	Unknown and Not Elsewhere Classified Products	179,022

	sum			283,515

ORIGIN AND DESTINATION OF WATERBORNE COMMERCE OF THE UNITED STATES, 1998

ORIGIN	DESTINATION	CODE	COMMODITY	TONS
Arkansas River	Lower Miss: Baton Rouge - G	2229	Petroleum Products	49,387
		3100	Chemical Fertilizers	22,367
		4142	Lumber, Logs, Wood Chips, and Pulp	374,914
		4349	Sand, Gravel, Shells, Clay, Salt, and Slag	56,125
		6168	Food and Food Products	1,939,255
		8099	Unknown and Not Elsewhere Classified Products	71,303
	*****			-----
	sum			2,513,351
	Lower Miss: Cairo - Baton R	3100	Chemical Fertilizers	220,646
		6168	Food and Food Products	37,959
		8099	Unknown and Not Elsewhere Classified Products	127,612
	*****			-----
	sum			386,217
	Lower Upper Mississippi Riv	4142	Lumber, Logs, Wood Chips, and Pulp	20,212
		8099	Unknown and Not Elsewhere Classified Products	31,589
	*****			-----
	sum			51,801
	Missouri River	8099	Unknown and Not Elsewhere Classified Products	5,935
	*****			-----
	sum			5,935
	Mobile River & Tributary	8099	Unknown and Not Elsewhere Classified Products	9,612
	*****			-----
	sum			9,612
Ohio River System		2229	Petroleum Products	107,899
		3100	Chemical Fertilizers	175,410
		4142	Lumber, Logs, Wood Chips, and Pulp	15,536
		4349	Sand, Gravel, Shells, Clay, Salt, and Slag	29,083
		6168	Food and Food Products	18,971
		8099	Unknown and Not Elsewhere Classified Products	100,355
	*****			-----
	sum			447,254
	Tennessee River	6168	Food and Food Products	58,625
		8099	Unknown and Not Elsewhere Classified Products	5,887
	*****			-----
	sum			64,512
	Upper Mississippi River	8099	Unknown and Not Elsewhere Classified Products	23,424
	*****			-----
	sum			23,424
*****				-----
sum				6,426,329

ORIGIN AND DESTINATION OF WATERBORNE COMMERCE OF THE UNITED STATES, 1998

ORIGIN	DESTINATION	CODE	COMMODITY	TONS
California Coast	Alaska	2229	Petroleum Products	188,179
		3200	Chemicals excluding Fertilizers	2,011
		8099	Unknown and Not Elsewhere Classified Products	51,716
	*****			-----
	sum			241,906
California Coast		2100	Crude Petroleum	6,547,253
		2229	Petroleum Products	5,627,946
		4142	Lumber, Logs, Wood Chips, and Pulp	89,016
		4349	Sand, Gravel, Shells, Clay, Salt, and Slag	3,517,925
		5155	Primary Non-Metal Products	2,965
		5354	Primary Metal Products	3,449
		6168	Food and Food Products	144,430
		7000	Manufactured Goods	134,684
		8099	Unknown and Not Elsewhere Classified Products	17,979
	*****			-----
	sum			16,085,647
Canada		1000	Coal, Lignite, and Coal Coke	191
		2100	Crude Petroleum	48,308
		2229	Petroleum Products	153,792
		3200	Chemicals excluding Fertilizers	15,200
		4142	Lumber, Logs, Wood Chips, and Pulp	313
		4349	Sand, Gravel, Shells, Clay, Salt, and Slag	18,881
		5155	Primary Non-Metal Products	1,221
		5354	Primary Metal Products	2,187
		6168	Food and Food Products	13,279
		7000	Manufactured Goods	4,215
		8099	Unknown and Not Elsewhere Classified Products	196
	*****			-----
	sum			257,783
Carribean		8099	Unknown and Not Elsewhere Classified Products	23
	*****			-----
	sum			23
Columbia/Snake/Willamette		2229	Petroleum Products	1,487,657
		8099	Unknown and Not Elsewhere Classified Products	377,450
	*****			-----
	sum			1,865,107
Gulf Coast East		8099	Unknown and Not Elsewhere Classified Products	32,865
	*****			-----
	sum			32,865
Gulf Coast West		2229	Petroleum Products	394,643
		3200	Chemicals excluding Fertilizers	64,371
	*****			-----
	sum			459,014

ORIGIN AND DESTINATION OF WATERBORNE COMMERCE OF THE UNITED STATES, 1998

ORIGIN	DESTINATION	CODE	COMMODITY	TONS
California Coast	Hawaii & Pacific Territory	2229	Petroleum Products	98,538
		5155	Primary Non-Metal Products	145,665
		5354	Primary Metal Products	77,738
		7000	Manufactured Goods	1,197,982
		8099	Unknown and Not Elsewhere Classified Products	1,098,310
	*****			-----
	sum			2,618,233
	Lower Miss: Baton Rouge - G	8099	Unknown and Not Elsewhere Classified Products	55,672
	*****			-----
	sum			55,672
	Middle Atlantic Coast	8099	Unknown and Not Elsewhere Classified Products	21,897
	*****			-----
	sum			21,897
	Rest of World (Overseas)	1000	Coal, Lignite, and Coal Coke	3,449,832
		2100	Crude Petroleum	1,339
		2229	Petroleum Products	11,723,907
		3100	Chemical Fertilizers	90,106
		3200	Chemicals excluding Fertilizers	4,700,298
		4142	Lumber, Logs, Wood Chips, and Pulp	3,334,969
		4349	Sand, Gravel, Shells, Clay, Salt, and Slag	1,465,113
		4400	Iron Ore, Iron, and Steel Waste and Scrap	1,650,692
		4600	Non-Ferrous Ores and Scrap	304,186
		5155	Primary Non-Metal Products	961,771
		5354	Primary Metal Products	440,830
		6168	Food and Food Products	8,650,592
		7000	Manufactured Goods	2,295,938
		8099	Unknown and Not Elsewhere Classified Products	163,888
	*****			-----
	sum			39,233,461
	South Atlantic Coast	8099	Unknown and Not Elsewhere Classified Products	55,338
	*****			-----
	sum			55,338
	Washington/Oregon Coast	2229	Petroleum Products	219,281
		8099	Unknown and Not Elsewhere Classified Products	550,122
	*****			-----
	sum			769,403
*****				-----
sum				61,696,349
Canada	Alaska	2229	Petroleum Products	146,119
		3100	Chemical Fertilizers	8,135

ORIGIN AND DESTINATION OF WATERBORNE COMMERCE OF THE UNITED STATES, 1998

ORIGIN	DESTINATION	CODE	COMMODITY	TONS
Canada	Alaska	3200	Chemicals excluding Fertilizers	20,015
		4142	Lumber, Logs, Wood Chips, and Pulp	9,321
		4349	Sand, Gravel, Shells, Clay, Salt, and Slag	48,654
		5155	Primary Non-Metal Products	22,907
		5354	Primary Metal Products	2,627
		6168	Food and Food Products	2,070
		7000	Manufactured Goods	3,680
		8099	Unknown and Not Elsewhere Classified Products	554
	*****			-----
	sum			264,082
	California Coast	2100	Crude Petroleum	223,356
		2229	Petroleum Products	78,574
		3100	Chemical Fertilizers	18
		3200	Chemicals excluding Fertilizers	1,197,149
		4142	Lumber, Logs, Wood Chips, and Pulp	124,791
		4349	Sand, Gravel, Shells, Clay, Salt, and Slag	38,930
		4400	Iron Ore, Iron, and Steel Waste and Scrap	286
		4600	Non-Ferrous Ores and Scrap	38
		5155	Primary Non-Metal Products	245,068
		5354	Primary Metal Products	1,476
		6168	Food and Food Products	59,070
		7000	Manufactured Goods	11,670
		8099	Unknown and Not Elsewhere Classified Products	960
	*****			-----
	sum			1,981,386
Carribean		1000	Coal, Lignite, and Coal Coke	435
		2229	Petroleum Products	145,337
		3100	Chemical Fertilizers	2,286
		3200	Chemicals excluding Fertilizers	1,117
		4142	Lumber, Logs, Wood Chips, and Pulp	75,344
		4349	Sand, Gravel, Shells, Clay, Salt, and Slag	2,436
		5155	Primary Non-Metal Products	111,493
		5354	Primary Metal Products	9,666
		6168	Food and Food Products	153,818
		7000	Manufactured Goods	3,533
		8099	Unknown and Not Elsewhere Classified Products	1,033
	*****			-----
	sum			506,498
	Columbia/Snake/Willamette	2229	Petroleum Products	184,483
		3200	Chemicals excluding Fertilizers	19,505
		4142	Lumber, Logs, Wood Chips, and Pulp	27,990
		4349	Sand, Gravel, Shells, Clay, Salt, and Slag	549,383
		6168	Food and Food Products	528
		7000	Manufactured Goods	36
		8099	Unknown and Not Elsewhere Classified Products	2,216
	*****			-----
	sum			784,141

ORIGIN AND DESTINATION OF WATERBORNE COMMERCE OF THE UNITED STATES, 1998

ORIGIN	DESTINATION	CODE	COMMODITY	TONS
Canada	Great Lakes System	1000	Coal, Lignite, and Coal Coke	572,972
		2229	Petroleum Products	1,072,261
		3100	Chemical Fertilizers	322,328
		3200	Chemicals excluding Fertilizers	52,889
		4142	Lumber, Logs, Wood Chips, and Pulp	155,527
		4349	Sand, Gravel, Shells, Clay, Salt, and Slag	7,968,587
		4400	Iron Ore, Iron, and Steel Waste and Scrap	5,381,772
		4600	Non-Ferrous Ores and Scrap	22,177
		5155	Primary Non-Metal Products	3,242,376
		5354	Primary Metal Products	397,476
		6168	Food and Food Products	437,775
		7000	Manufactured Goods	8,278
		8099	Unknown and Not Elsewhere Classified Products	10,643
	*****			-----
	sum			19,645,061
	Gulf Coast East	2229	Petroleum Products	10,105
		3200	Chemicals excluding Fertilizers	52,566
		4349	Sand, Gravel, Shells, Clay, Salt, and Slag	784,616
		5354	Primary Metal Products	8,996
		7000	Manufactured Goods	132
	*****			-----
	sum			856,415
	Gulf Coast West	2100	Crude Petroleum	418,320
		2229	Petroleum Products	257,878
		3200	Chemicals excluding Fertilizers	195,316
		4142	Lumber, Logs, Wood Chips, and Pulp	80
		4600	Non-Ferrous Ores and Scrap	5,523
		5155	Primary Non-Metal Products	64
		5354	Primary Metal Products	5,288
		6168	Food and Food Products	105,119
		7000	Manufactured Goods	561
		8099	Unknown and Not Elsewhere Classified Products	867
	*****			-----
	sum			989,016
	Hawaii & Pacific Territory	2100	Crude Petroleum	83,883
		3100	Chemical Fertilizers	5,291
		5155	Primary Non-Metal Products	8,627
		6168	Food and Food Products	32,053
		7000	Manufactured Goods	3
	*****			-----
	sum			129,857
	Lower Miss: Baton Rouge - G	2100	Crude Petroleum	408,178
		2229	Petroleum Products	144,251
		3100	Chemical Fertilizers	69,574
		3200	Chemicals excluding Fertilizers	41,121

ORIGIN AND DESTINATION OF WATERBORNE COMMERCE OF THE UNITED STATES, 1998

ORIGIN	DESTINATION	CODE	COMMODITY	TONS
Canada	Lower Miss: Baton Rouge - G	4349	Sand, Gravel, Shells, Clay, Salt, and Slag	67,303
		4400	Iron Ore, Iron, and Steel Waste and Scrap	242,847
		4600	Non-Ferrous Ores and Scrap	66,694
		6168	Food and Food Products	10,234
		7000	Manufactured Goods	680
		8099	Unknown and Not Elsewhere Classified Products	8,510

	sum			1,059,392
	Middle Atlantic Coast	2100	Crude Petroleum	7,280,593
		2229	Petroleum Products	1,681,259
		3100	Chemical Fertilizers	101,678
		3200	Chemicals excluding Fertilizers	109,515
		4142	Lumber, Logs, Wood Chips, and Pulp	138,833
		4349	Sand, Gravel, Shells, Clay, Salt, and Slag	3,030,952
		4400	Iron Ore, Iron, and Steel Waste and Scrap	2,392,461
		4600	Non-Ferrous Ores and Scrap	34,650
		5155	Primary Non-Metal Products	204,320
		5354	Primary Metal Products	2,663
		6168	Food and Food Products	19,453
		7000	Manufactured Goods	20,419
		8099	Unknown and Not Elsewhere Classified Products	1,341

	sum			15,018,137
	Mobile River & Tributary	4349	Sand, Gravel, Shells, Clay, Salt, and Slag	55,149
		4400	Iron Ore, Iron, and Steel Waste and Scrap	1,680,128
		4600	Non-Ferrous Ores and Scrap	76,003
		5155	Primary Non-Metal Products	21

	sum			1,811,301
	North Atlantic Coast	2229	Petroleum Products	7,493,165
		3200	Chemicals excluding Fertilizers	20,487
		4142	Lumber, Logs, Wood Chips, and Pulp	59,309
		4349	Sand, Gravel, Shells, Clay, Salt, and Slag	1,292,018
		5155	Primary Non-Metal Products	143,068
		5354	Primary Metal Products	885
		6168	Food and Food Products	2,481
		7000	Manufactured Goods	445

	sum			9,011,858
	South Atlantic Coast	2229	Petroleum Products	358,902
		3100	Chemical Fertilizers	27,020
		3200	Chemicals excluding Fertilizers	423,389
		4142	Lumber, Logs, Wood Chips, and Pulp	72,306
		4349	Sand, Gravel, Shells, Clay, Salt, and Slag	2,332,441
		4400	Iron Ore, Iron, and Steel Waste and Scrap	328,462
		4600	Non-Ferrous Ores and Scrap	62

ORIGIN AND DESTINATION OF WATERBORNE COMMERCE OF THE UNITED STATES, 1998

ORIGIN	DESTINATION	CODE	COMMODITY	TONS
Canada	South Atlantic Coast	5155	Primary Non-Metal Products	213,207
		5354	Primary Metal Products	606
		6168	Food and Food Products	12,447
		7000	Manufactured Goods	6,649
		8099	Unknown and Not Elsewhere Classified Products	1,132
		*****		-----
	sum			3,776,623
	Washington/Oregon Coast	1000	Coal, Lignite, and Coal Coke	131,371
		2100	Crude Petroleum	125,571
		2229	Petroleum Products	216,502
		3100	Chemical Fertilizers	1,153
		3200	Chemicals excluding Fertilizers	6,834
		4142	Lumber, Logs, Wood Chips, and Pulp	624,832
		4349	Sand, Gravel, Shells, Clay, Salt, and Slag	2,931,756
		4400	Iron Ore, Iron, and Steel Waste and Scrap	270,765
		4600	Non-Ferrous Ores and Scrap	6,756
		5155	Primary Non-Metal Products	844,529
		5354	Primary Metal Products	799
		6168	Food and Food Products	8,322
		7000	Manufactured Goods	7,974
		8099	Unknown and Not Elsewhere Classified Products	17,305
		*****		-----
	sum			5,194,469
	*****			-----
	sum			61,028,236
Carribean	California Coast	8099	Unknown and Not Elsewhere Classified Products	96,807
	*****			-----
	sum			96,807
	Canada	2229	Petroleum Products	11,280
		3200	Chemicals excluding Fertilizers	272
		5155	Primary Non-Metal Products	172
		6168	Food and Food Products	623
		7000	Manufactured Goods	293
		8099	Unknown and Not Elsewhere Classified Products	1
		*****		-----
	sum			12,641
	Carribean	2229	Petroleum Products	6,923,736
		8099	Unknown and Not Elsewhere Classified Products	326,656
	*****			-----
	sum			7,250,392
	Columbia/Snake/Willamette	8099	Unknown and Not Elsewhere Classified Products	26,879
	*****			-----

ORIGIN AND DESTINATION OF WATERBORNE COMMERCE OF THE UNITED STATES, 1998

ORIGIN	DESTINATION	CODE	COMMODITY	TONS
	sum			26,879
Carribean	Gulf Coast East	8099	Unknown and Not Elsewhere Classified Products	25,101
	*****			-----
	sum			25,101
	Gulf Coast West	2229	Petroleum Products	158,220
		3200	Chemicals excluding Fertilizers	157,404
		8099	Unknown and Not Elsewhere Classified Products	87,649
	*****			-----
	sum			403,273
	Hawaii & Pacific Territory	8099	Unknown and Not Elsewhere Classified Products	79,950
	*****			-----
	sum			79,950
	Lower Miss: Baton Rouge - G	3200	Chemicals excluding Fertilizers	13,467
		4400	Iron Ore, Iron, and Steel Waste and Scrap	26,152
		8099	Unknown and Not Elsewhere Classified Products	92,569
	*****			-----
	sum			132,188
	Middle Atlantic Coast	2229	Petroleum Products	8,876,374
		3200	Chemicals excluding Fertilizers	211,370
		4142	Lumber, Logs, Wood Chips, and Pulp	13,158
		5155	Primary Non-Metal Products	10,222
		5354	Primary Metal Products	10,727
		6168	Food and Food Products	140,961
		7000	Manufactured Goods	150,071
		8099	Unknown and Not Elsewhere Classified Products	7,165
	*****			-----
	sum			9,420,048
	Mobile River & Tributary	8099	Unknown and Not Elsewhere Classified Products	9,936
	*****			-----
	sum			9,936
	North Atlantic Coast	8099	Unknown and Not Elsewhere Classified Products	2,033,351
	*****			-----
	sum			2,033,351
	Rest of World (Overseas)	2229	Petroleum Products	857,483
		3100	Chemical Fertilizers	337
		3200	Chemicals excluding Fertilizers	137,152
		4142	Lumber, Logs, Wood Chips, and Pulp	173,018
		4349	Sand, Gravel, Shells, Clay, Salt, and Slag	48,635
		4400	Iron Ore, Iron, and Steel Waste and Scrap	29,767
		4600	Non-Ferrous Ores and Scrap	88,984
		5155	Primary Non-Metal Products	71,807
		5354	Primary Metal Products	11,774

ORIGIN AND DESTINATION OF WATERBORNE COMMERCE OF THE UNITED STATES, 1998

ORIGIN	DESTINATION	CODE	COMMODITY	TONS
Carribean	Rest of World (Overseas)	6168	Food and Food Products	143,625
		7000	Manufactured Goods	171,400
		8099	Unknown and Not Elsewhere Classified Products	7,645
		*****		-----
	sum			1,741,627
	South Atlantic Coast	2229	Petroleum Products	5,200,962
		3200	Chemicals excluding Fertilizers	340,014
		4400	Iron Ore, Iron, and Steel Waste and Scrap	371
		5155	Primary Non-Metal Products	5,012
		5354	Primary Metal Products	71,084
		6168	Food and Food Products	100,345
		7000	Manufactured Goods	250,387
		8099	Unknown and Not Elsewhere Classified Products	11,742
		*****		-----
	sum			5,979,917
	Trans-Shipment Area	8099	Unknown and Not Elsewhere Classified Products	70,093
		*****		-----
	sum			70,093
*****				-----
sum				27,282,203
Columbia/Snake/Willamette	Alaska	8099	Unknown and Not Elsewhere Classified Products	19,025
		*****		-----
	sum			19,025
	California Coast	2229	Petroleum Products	44,894
		3200	Chemicals excluding Fertilizers	44,284
		8099	Unknown and Not Elsewhere Classified Products	268,362
		*****		-----
	sum			357,540
	Canada	2229	Petroleum Products	66,866
		3200	Chemicals excluding Fertilizers	57,166
		4142	Lumber, Logs, Wood Chips, and Pulp	112
		5155	Primary Non-Metal Products	64
		5354	Primary Metal Products	14
		6168	Food and Food Products	129
		7000	Manufactured Goods	2,605
		8099	Unknown and Not Elsewhere Classified Products	63
		*****		-----
	sum			127,019
	Columbia/Snake/Willamette	2229	Petroleum Products	2,652,333
		3200	Chemicals excluding Fertilizers	70,857
		4142	Lumber, Logs, Wood Chips, and Pulp	1,927,419

ORIGIN AND DESTINATION OF WATERBORNE COMMERCE OF THE UNITED STATES, 1998

ORIGIN	DESTINATION	CODE	COMMODITY	TONS
Columbia/Snake/Willamette	Columbia/Snake/Willamette	4349	Sand, Gravel, Shells, Clay, Salt, and Slag	3,296,386
		5354	Primary Metal Products	23,155
		6168	Food and Food Products	5,807,663
		7000	Manufactured Goods	299,515
		8099	Unknown and Not Elsewhere Classified Products	470,787
		*****		-----
		sum		14,548,115
Hawaii & Pacific Territory	Hawaii & Pacific Territory	8099	Unknown and Not Elsewhere Classified Products	52,260
		*****		-----
	sum			52,260
Rest of World (Overseas)		1000	Coal, Lignite, and Coal Coke	3,207
		2229	Petroleum Products	504,828
		3100	Chemical Fertilizers	1,984,813
		3200	Chemicals excluding Fertilizers	2,551,469
		4142	Lumber, Logs, Wood Chips, and Pulp	2,190,234
		4349	Sand, Gravel, Shells, Clay, Salt, and Slag	248,069
		4400	Iron Ore, Iron, and Steel Waste and Scrap	51,289
		4600	Non-Ferrous Ores and Scrap	77,225
		5155	Primary Non-Metal Products	780,118
		5354	Primary Metal Products	19,074
		6168	Food and Food Products	16,927,470
		7000	Manufactured Goods	95,456
		8099	Unknown and Not Elsewhere Classified Products	11,102
		*****		-----
		sum		25,444,354
Washington/Oregon Coast	Washington/Oregon Coast	2229	Petroleum Products	51,707
		8099	Unknown and Not Elsewhere Classified Products	37,345
		*****		-----
	sum			89,052
*****				-----
	sum			40,637,365
Great Lakes System	Arkansas River	5354	Primary Metal Products	31,789
		8099	Unknown and Not Elsewhere Classified Products	7,329
		*****		-----
	sum			39,118
Canada		1000	Coal, Lignite, and Coal Coke	17,359,999
		2100	Crude Petroleum	3,394
		2229	Petroleum Products	758,359
		3100	Chemical Fertilizers	14,573
		3200	Chemicals excluding Fertilizers	68,467
		4142	Lumber, Logs, Wood Chips, and Pulp	20
		4349	Sand, Gravel, Shells, Clay, Salt, and Slag	4,702,692

ORIGIN AND DESTINATION OF WATERBORNE COMMERCE OF THE UNITED STATES, 1998

ORIGIN	DESTINATION	CODE	COMMODITY	TONS
Great Lakes System	Canada	4400	Iron Ore, Iron, and Steel Waste and Scrap	6,249,437
		5155	Primary Non-Metal Products	224,810
		5354	Primary Metal Products	104,588
		6168	Food and Food Products	2,800,683
		7000	Manufactured Goods	3,435
		8099	Unknown and Not Elsewhere Classified Products	11

	sum			32,290,468
Great Lakes System		1000	Coal, Lignite, and Coal Coke	21,881,034
		2229	Petroleum Products	2,346,304
		3200	Chemicals excluding Fertilizers	176,641
		4142	Lumber, Logs, Wood Chips, and Pulp	1,107
		4349	Sand, Gravel, Shells, Clay, Salt, and Slag	35,148,458
		4400	Iron Ore, Iron, and Steel Waste and Scrap	59,854,143
		5155	Primary Non-Metal Products	3,147,214
		5354	Primary Metal Products	298,473
		6168	Food and Food Products	308,385
		7000	Manufactured Goods	28,934
		8099	Unknown and Not Elsewhere Classified Products	13,191

	sum			123,203,884
Gulf Coast East		8099	Unknown and Not Elsewhere Classified Products	72,591

	sum			72,591
Gulf Coast West		3200	Chemicals excluding Fertilizers	17,186
		5354	Primary Metal Products	74,643
		8099	Unknown and Not Elsewhere Classified Products	41,269

	sum			133,098
Illinois Waterway		1000	Coal, Lignite, and Coal Coke	23,962
		2229	Petroleum Products	566,264
		3200	Chemicals excluding Fertilizers	156,911
		5354	Primary Metal Products	43,142
		8099	Unknown and Not Elsewhere Classified Products	108,539

	sum			898,818
Lower Miss: Baton Rouge - G		3200	Chemicals excluding Fertilizers	21,994
		4400	Iron Ore, Iron, and Steel Waste and Scrap	29,146
		5354	Primary Metal Products	12,281
		6168	Food and Food Products	477,961
		8099	Unknown and Not Elsewhere Classified Products	121,376

	sum			662,758
Lower Miss: Cairo - Baton R		4400	Iron Ore, Iron, and Steel Waste and Scrap	51,652

ORIGIN AND DESTINATION OF WATERBORNE COMMERCE OF THE UNITED STATES, 1998

ORIGIN	DESTINATION	CODE	COMMODITY	TONS
Great Lakes System	Lower Miss: Cairo - Baton R	5354	Primary Metal Products	43,674
		8099	Unknown and Not Elsewhere Classified Products	49,496
	*****			-----
	sum			144,822
	Lower Upper Mississippi Riv	4400	Iron Ore, Iron, and Steel Waste and Scrap	51,040
		8099	Unknown and Not Elsewhere Classified Products	133,138
	*****			-----
	sum			184,178
	Mobile River & Tributary	8099	Unknown and Not Elsewhere Classified Products	17,604
	*****			-----
	sum			17,604
	Ohio River System	3200	Chemicals excluding Fertilizers	60,624
		5354	Primary Metal Products	22,992
		8099	Unknown and Not Elsewhere Classified Products	234,272
	*****			-----
	sum			317,888
	Rest of World (Overseas)	1000	Coal, Lignite, and Coal Coke	27,649
		2229	Petroleum Products	6,079
		3100	Chemical Fertilizers	4,015
		3200	Chemicals excluding Fertilizers	90,098
		4142	Lumber, Logs, Wood Chips, and Pulp	39,979
		4349	Sand, Gravel, Shells, Clay, Salt, and Slag	213,528
		4400	Iron Ore, Iron, and Steel Waste and Scrap	2,098
		4600	Non-Ferrous Ores and Scrap	14,132
		5155	Primary Non-Metal Products	20,481
		5354	Primary Metal Products	26,032
		6168	Food and Food Products	4,024,219
		7000	Manufactured Goods	116,803
		8099	Unknown and Not Elsewhere Classified Products	865
	*****			-----
	sum			4,585,978
	Tennessee River	5354	Primary Metal Products	46,633
		8099	Unknown and Not Elsewhere Classified Products	34,029
	*****			-----
	sum			80,662
	Upper Mississippi River	4349	Sand, Gravel, Shells, Clay, Salt, and Slag	97,515
		4400	Iron Ore, Iron, and Steel Waste and Scrap	9,382
		5354	Primary Metal Products	18,807
		8099	Unknown and Not Elsewhere Classified Products	37,824
	*****			-----
	sum			163,528
*****				-----
sum				162,795,395

ORIGIN AND DESTINATION OF WATERBORNE COMMERCE OF THE UNITED STATES, 1998

ORIGIN	DESTINATION	CODE	COMMODITY	TONS
Gulf Coast East	Arkansas River	3100	Chemical Fertilizers	52,718
	*****			-----
	sum			52,718
	Canada	3100	Chemical Fertilizers	187,770
		4142	Lumber, Logs, Wood Chips, and Pulp	1,113
		4400	Iron Ore, Iron, and Steel Waste and Scrap	14,350
		5354	Primary Metal Products	655
		6168	Food and Food Products	29
		7000	Manufactured Goods	297
	*****			-----
	sum			204,214
	Carribean	8099	Unknown and Not Elsewhere Classified Products	2,315
	*****			-----
	sum			2,315
	Great Lakes System	8099	Unknown and Not Elsewhere Classified Products	11,109
	*****			-----
	sum			11,109
	Gulf Coast East	2229	Petroleum Products	3,734,905
		3200	Chemicals excluding Fertilizers	219,098
		4349	Sand, Gravel, Shells, Clay, Salt, and Slag	3,037,881
		5155	Primary Non-Metal Products	133,113
		7000	Manufactured Goods	13,232
		8099	Unknown and Not Elsewhere Classified Products	47,732
	*****			-----
	sum			7,185,961
	Gulf Coast West	2229	Petroleum Products	575,514
		3100	Chemical Fertilizers	25,462
		3200	Chemicals excluding Fertilizers	42,197
		4349	Sand, Gravel, Shells, Clay, Salt, and Slag	967,171
		5354	Primary Metal Products	12,685
		7000	Manufactured Goods	4,073
		8099	Unknown and Not Elsewhere Classified Products	586,598
	*****			-----
	sum			2,213,700
	Illinois Waterway	3100	Chemical Fertilizers	27,844
		8099	Unknown and Not Elsewhere Classified Products	38,318
	*****			-----
	sum			66,162
	Lower Miss: Baton Rouge - G	2229	Petroleum Products	360,731
		3100	Chemical Fertilizers	1,013,052

ORIGIN AND DESTINATION OF WATERBORNE COMMERCE OF THE UNITED STATES, 1998

ORIGIN	DESTINATION	CODE	COMMODITY	TONS
Gulf Coast East	Lower Miss: Baton Rouge - G	3200	Chemicals excluding Fertilizers	580,030
		4349	Sand, Gravel, Shells, Clay, Salt, and Slag	5,844,555
		4400	Iron Ore, Iron, and Steel Waste and Scrap	62,212
		5155	Primary Non-Metal Products	245,752
		5354	Primary Metal Products	5,505
		6168	Food and Food Products	60,816
		7000	Manufactured Goods	1,343
		8099	Unknown and Not Elsewhere Classified Products	70,686
	*****			-----
	sum			8,244,682
	Lower Miss: Cairo - Baton R	3100	Chemical Fertilizers	18,020
		5354	Primary Metal Products	22,346
		8099	Unknown and Not Elsewhere Classified Products	142,199
	*****			-----
	sum			182,565
	Lower Upper Mississippi Riv	3100	Chemical Fertilizers	7,689
		8099	Unknown and Not Elsewhere Classified Products	11,521
	*****			-----
	sum			19,210
	Middle Atlantic Coast	8099	Unknown and Not Elsewhere Classified Products	34,003
	*****			-----
	sum			34,003
	Mobile River & Tributary	2229	Petroleum Products	312,000
		8099	Unknown and Not Elsewhere Classified Products	33,558
	*****			-----
	sum			345,558
	North Atlantic Coast	8099	Unknown and Not Elsewhere Classified Products	39,346
	*****			-----
	sum			39,346
	Ohio River System	3100	Chemical Fertilizers	25,109
		8099	Unknown and Not Elsewhere Classified Products	59,907
	*****			-----
	sum			85,016
	Other	2229	Petroleum Products	27,634
		4349	Sand, Gravel, Shells, Clay, Salt, and Slag	82,832
		5155	Primary Non-Metal Products	1,122
		5354	Primary Metal Products	15,165
		6168	Food and Food Products	40,464
		7000	Manufactured Goods	37,122
		8099	Unknown and Not Elsewhere Classified Products	1,748
	*****			-----
	sum			206,087

ORIGIN AND DESTINATION OF WATERBORNE COMMERCE OF THE UNITED STATES, 1998

ORIGIN	DESTINATION	CODE	COMMODITY	TONS
Gulf Coast East	Rest of World (Overseas)	1000	Coal, Lignite, and Coal Coke	1,255
		2229	Petroleum Products	1,354,805
		3100	Chemical Fertilizers	10,002,978
		3200	Chemicals excluding Fertilizers	262,066
		4142	Lumber, Logs, Wood Chips, and Pulp	592,427
		4349	Sand, Gravel, Shells, Clay, Salt, and Slag	374,074
		4400	Iron Ore, Iron, and Steel Waste and Scrap	23,993
		4600	Non-Ferrous Ores and Scrap	205
		5155	Primary Non-Metal Products	504,906
		5354	Primary Metal Products	127,759
		6168	Food and Food Products	1,930,936
		7000	Manufactured Goods	163,432
		8099	Unknown and Not Elsewhere Classified Products	7,028
	*****			-----
	sum			15,345,864
	South Atlantic Coast	2229	Petroleum Products	2,049,804
		8099	Unknown and Not Elsewhere Classified Products	13,897
	*****			-----
	sum			2,063,701
	Tennessee River	8099	Unknown and Not Elsewhere Classified Products	79,236
	*****			-----
	sum			79,236
	Upper Mississippi River	3100	Chemical Fertilizers	94,144
		8099	Unknown and Not Elsewhere Classified Products	9,003
	*****			-----
	sum			103,147
*****				-----
sum				36,484,594
Gulf Coast West	Arkansas River	3100	Chemical Fertilizers	12,778
		4349	Sand, Gravel, Shells, Clay, Salt, and Slag	28,509
		5354	Primary Metal Products	23,023
		8099	Unknown and Not Elsewhere Classified Products	46,992
	*****			-----
	sum			111,302
	California Coast	2229	Petroleum Products	498,154
		3200	Chemicals excluding Fertilizers	1,046,693
	*****			-----
	sum			1,544,847
	Canada	2229	Petroleum Products	754,962
		3100	Chemical Fertilizers	23
		3200	Chemicals excluding Fertilizers	304,502

ORIGIN AND DESTINATION OF WATERBORNE COMMERCE OF THE UNITED STATES, 1998

ORIGIN	DESTINATION	CODE	COMMODITY	TONS
Gulf Coast West	Canada	4349	Sand, Gravel, Shells, Clay, Salt, and Slag	326
		4600	Non-Ferrous Ores and Scrap	1,203,193
		5155	Primary Non-Metal Products	511
		5354	Primary Metal Products	18,579
		6168	Food and Food Products	975
		7000	Manufactured Goods	136,563
		8099	Unknown and Not Elsewhere Classified Products	48
	*****			-----
	sum			2,419,682
Carribean		2229	Petroleum Products	351,063
		3200	Chemicals excluding Fertilizers	206,113
		4142	Lumber, Logs, Wood Chips, and Pulp	9,293
		5354	Primary Metal Products	15,529
		8099	Unknown and Not Elsewhere Classified Products	373,293
	*****			-----
	sum			955,291
Columbia/Snake/Willamette		2229	Petroleum Products	50,077
		3200	Chemicals excluding Fertilizers	68,372
	*****			-----
	sum			118,449
Great Lakes System		2229	Petroleum Products	27,359
		4142	Lumber, Logs, Wood Chips, and Pulp	10,839
		4349	Sand, Gravel, Shells, Clay, Salt, and Slag	280,722
		5354	Primary Metal Products	16,195
	8099	Unknown and Not Elsewhere Classified Products	38,356	
	*****			-----
	sum			373,471
Gulf Coast East		1000	Coal, Lignite, and Coal Coke	44,768
		2229	Petroleum Products	8,328,430
		3200	Chemicals excluding Fertilizers	2,783,606
		4349	Sand, Gravel, Shells, Clay, Salt, and Slag	9,318
		5354	Primary Metal Products	15,726
		6168	Food and Food Products	180,020
		7000	Manufactured Goods	1,150
		8099	Unknown and Not Elsewhere Classified Products	64,138
	*****			-----
	sum			11,427,156
Gulf Coast West		1000	Coal, Lignite, and Coal Coke	8,813
		2100	Crude Petroleum	7,147,759
		2229	Petroleum Products	34,036,424
		3100	Chemical Fertilizers	63,926
		3200	Chemicals excluding Fertilizers	19,385,782
		4142	Lumber, Logs, Wood Chips, and Pulp	880
		4349	Sand, Gravel, Shells, Clay, Salt, and Slag	2,630,774
		4400	Iron Ore, Iron, and Steel Waste and Scrap	87,148

ORIGIN AND DESTINATION OF WATERBORNE COMMERCE OF THE UNITED STATES, 1998

ORIGIN	DESTINATION	CODE	COMMODITY	TONS
Gulf Coast West	Gulf Coast West	5155	Primary Non-Metal Products	17,096
		5354	Primary Metal Products	132,555
		6168	Food and Food Products	377,917
		7000	Manufactured Goods	58,455
		8099	Unknown and Not Elsewhere Classified Products	925,651
		*****		-----
	sum			64,873,180
	Illinois Waterway	1000	Coal, Lignite, and Coal Coke	14,353
		2229	Petroleum Products	612,055
		3100	Chemical Fertilizers	10,733
		3200	Chemicals excluding Fertilizers	1,164,026
		4349	Sand, Gravel, Shells, Clay, Salt, and Slag	726,268
		5354	Primary Metal Products	125,530
		6168	Food and Food Products	13,092
		8099	Unknown and Not Elsewhere Classified Products	10,723
	*****			-----
	sum			2,676,780
Lower Miss: Baton Rouge - G		1000	Coal, Lignite, and Coal Coke	23,393
		2100	Crude Petroleum	4,385,201
		2229	Petroleum Products	4,803,021
		3100	Chemical Fertilizers	17,215
		3200	Chemicals excluding Fertilizers	1,409,693
		4349	Sand, Gravel, Shells, Clay, Salt, and Slag	410,763
		4400	Iron Ore, Iron, and Steel Waste and Scrap	118,797
		5155	Primary Non-Metal Products	8,576
		5354	Primary Metal Products	31,756
		6168	Food and Food Products	685,058
		7000	Manufactured Goods	146,732
		8099	Unknown and Not Elsewhere Classified Products	54,659
		*****		-----
	sum			12,094,864
Lower Miss: Cairo - Baton R		2229	Petroleum Products	523,621
		3100	Chemical Fertilizers	52,413
		3200	Chemicals excluding Fertilizers	77,369
		4349	Sand, Gravel, Shells, Clay, Salt, and Slag	82,110
		4400	Iron Ore, Iron, and Steel Waste and Scrap	326,229
		4600	Non-Ferrous Ores and Scrap	148,319
		5155	Primary Non-Metal Products	461
		5354	Primary Metal Products	38,922
		6168	Food and Food Products	20,291
		7000	Manufactured Goods	1,059
		8099	Unknown and Not Elsewhere Classified Products	20,738
		*****		-----
	sum			1,291,532
Lower Upper Mississippi Riv		2229	Petroleum Products	400,803
		3100	Chemical Fertilizers	12,622

ORIGIN AND DESTINATION OF WATERBORNE COMMERCE OF THE UNITED STATES, 1998

ORIGIN	DESTINATION	CODE	COMMODITY	TONS
Gulf Coast West	Lower Upper Mississippi Riv	3200	Chemicals excluding Fertilizers	80,252
		4349	Sand, Gravel, Shells, Clay, Salt, and Slag	252,781
		5354	Primary Metal Products	15,285
		6168	Food and Food Products	30,923
		8099	Unknown and Not Elsewhere Classified Products	17,227
	*****			-----
	sum			809,893
	Middle Atlantic Coast	2229	Petroleum Products	1,083,885
		3200	Chemicals excluding Fertilizers	2,804,549
		8099	Unknown and Not Elsewhere Classified Products	19,813
	*****			-----
	sum			3,908,247
Missouri River	*****	8099	Unknown and Not Elsewhere Classified Products	37,865

	sum			37,865
Mobile River & Tributary	*****	2100	Crude Petroleum	348,330
		2229	Petroleum Products	336,526
		3200	Chemicals excluding Fertilizers	115,640
		4349	Sand, Gravel, Shells, Clay, Salt, and Slag	164,858
		8099	Unknown and Not Elsewhere Classified Products	10,027
	*****			-----
	sum			975,381
	North Atlantic Coast	2229	Petroleum Products	825,714
		3200	Chemicals excluding Fertilizers	259,414
	*****			-----
	sum			1,085,128
Ohio River System	*****	1000	Coal, Lignite, and Coal Coke	24,757
		2229	Petroleum Products	1,043,715
		3100	Chemical Fertilizers	14,799
		3200	Chemicals excluding Fertilizers	1,837,819
		4349	Sand, Gravel, Shells, Clay, Salt, and Slag	1,497,891
		4400	Iron Ore, Iron, and Steel Waste and Scrap	21,425
		5354	Primary Metal Products	193,287
		8099	Unknown and Not Elsewhere Classified Products	880,980
	*****			-----
	sum			5,514,673
Other	*****	2229	Petroleum Products	464,353
		3200	Chemicals excluding Fertilizers	27,083
		4142	Lumber, Logs, Wood Chips, and Pulp	131
		4349	Sand, Gravel, Shells, Clay, Salt, and Slag	659,228
		5155	Primary Non-Metal Products	51,606
		5354	Primary Metal Products	235,771
		6168	Food and Food Products	599,329
		7000	Manufactured Goods	3,754,520

ORIGIN AND DESTINATION OF WATERBORNE COMMERCE OF THE UNITED STATES, 1998

ORIGIN	DESTINATION	CODE	COMMODITY	TONS
Gulf Coast West	Other	8099	Unknown and Not Elsewhere Classified Products	4,365

	sum			5,796,386
	Rest of World (Overseas)	1000	Coal, Lignite, and Coal Coke	294,442
		2100	Crude Petroleum	5
		2229	Petroleum Products	22,246,557
		3100	Chemical Fertilizers	889,473
		3200	Chemicals excluding Fertilizers	15,477,916
		4142	Lumber, Logs, Wood Chips, and Pulp	542,980
		4349	Sand, Gravel, Shells, Clay, Salt, and Slag	386,286
		4400	Iron Ore, Iron, and Steel Waste and Scrap	91,508
		4600	Non-Ferrous Ores and Scrap	371,425
		5155	Primary Non-Metal Products	651,373
		5354	Primary Metal Products	477,664
		6168	Food and Food Products	15,284,674
		7000	Manufactured Goods	1,644,309
		8099	Unknown and Not Elsewhere Classified Products	35,593

	sum			58,394,205
	South Atlantic Coast	2229	Petroleum Products	12,352,299
		3200	Chemicals excluding Fertilizers	2,298,369
		8099	Unknown and Not Elsewhere Classified Products	12,998

	sum			14,663,666
	Tennessee River	2229	Petroleum Products	267,684
		3200	Chemicals excluding Fertilizers	860,871
		4349	Sand, Gravel, Shells, Clay, Salt, and Slag	865,258
		5354	Primary Metal Products	27,018
		8099	Unknown and Not Elsewhere Classified Products	58,925

	sum			2,079,756
	Upper Mississippi River	3100	Chemical Fertilizers	69,629
		3200	Chemicals excluding Fertilizers	60,565
		4349	Sand, Gravel, Shells, Clay, Salt, and Slag	1,104,355
		6168	Food and Food Products	27,853
		8099	Unknown and Not Elsewhere Classified Products	23,969

	sum			1,286,371
	Washington/Oregon Coast	8099	Unknown and Not Elsewhere Classified Products	21,402

	sum			21,402

	sum			192,459,527

ORIGIN AND DESTINATION OF WATERBORNE COMMERCE OF THE UNITED STATES, 1998

ORIGIN	DESTINATION	CODE COMMODITY	TONS
Hawaii & Pacific Territor	Alaska	8099 Unknown and Not Elsewhere Classified Products	13,132
	*****		-----
	sum		13,132
	California Coast	7000 Manufactured Goods	276,146
		8099 Unknown and Not Elsewhere Classified Products	300,309
	*****		-----
	sum		576,455
	Carribean	8099 Unknown and Not Elsewhere Classified Products	57
	*****		-----
	sum		57
	Columbia/Snake/Willamette	8099 Unknown and Not Elsewhere Classified Products	9,191
	*****		-----
	sum		9,191
	Gulf Coast West	8099 Unknown and Not Elsewhere Classified Products	44
	*****		-----
	sum		44
Hawaii & Pacific Territory	2229 Petroleum Products		1,268,073
	3100 Chemical Fertilizers		71,516
	3200 Chemicals excluding Fertilizers		12,021
	4349 Sand, Gravel, Shells, Clay, Salt, and Slag		133,657
	5155 Primary Non-Metal Products		176,316
	5354 Primary Metal Products		3,091,317
	6168 Food and Food Products		739,357
	7000 Manufactured Goods		1,274,797
	8099 Unknown and Not Elsewhere Classified Products		159,149
	*****		-----
	sum		6,926,203
Rest of World (Overseas)	2229 Petroleum Products		580,265
	3100 Chemical Fertilizers		106
	3200 Chemicals excluding Fertilizers		2,855
	4142 Lumber, Logs, Wood Chips, and Pulp		33,219
	4349 Sand, Gravel, Shells, Clay, Salt, and Slag		1,441
	4400 Iron Ore, Iron, and Steel Waste and Scrap		150,898
	4600 Non-Ferrous Ores and Scrap		943
	5155 Primary Non-Metal Products		11,608
	5354 Primary Metal Products		1,204
	6168 Food and Food Products		15,855
	7000 Manufactured Goods		5,501
	8099 Unknown and Not Elsewhere Classified Products		553
	*****		-----
	sum		804,448

ORIGIN AND DESTINATION OF WATERBORNE COMMERCE OF THE UNITED STATES, 1998

ORIGIN	DESTINATION	CODE	COMMODITY	TONS
Hawaii & Pacific Territor	South Atlantic Coast	8099	Unknown and Not Elsewhere Classified Products	74
	*****			-----
	sum			74
	Washington/Oregon Coast	7000	Manufactured Goods	52,567
		8099	Unknown and Not Elsewhere Classified Products	50,704
	*****			-----
	sum			103,271
	*****			-----
	sum			8,432,875
Illinois Waterway	Arkansas River	3100	Chemical Fertilizers	13,330
		6168	Food and Food Products	16,863
		8099	Unknown and Not Elsewhere Classified Products	3,154
	*****			-----
	sum			33,347
	Great Lakes System	2229	Petroleum Products	442,091
		4349	Sand, Gravel, Shells, Clay, Salt, and Slag	562,916
		8099	Unknown and Not Elsewhere Classified Products	94,695
	*****			-----
	sum			1,099,702
	Gulf Coast East	8099	Unknown and Not Elsewhere Classified Products	16,205
	*****			-----
	sum			16,205
	Gulf Coast West	2229	Petroleum Products	96,819
		3200	Chemicals excluding Fertilizers	52,832
		8099	Unknown and Not Elsewhere Classified Products	47,253
	*****			-----
	sum			196,904
	Illinois Waterway	1000	Coal, Lignite, and Coal Coke	6,498
		2229	Petroleum Products	934,651
		3100	Chemical Fertilizers	86,577
		3200	Chemicals excluding Fertilizers	252,892
		4349	Sand, Gravel, Shells, Clay, Salt, and Slag	2,092,217
		4400	Iron Ore, Iron, and Steel Waste and Scrap	110,196
		6168	Food and Food Products	11,668
		8099	Unknown and Not Elsewhere Classified Products	1,510
	*****			-----
	sum			3,496,209
	Lower Miss: Baton Rouge - G	1000	Coal, Lignite, and Coal Coke	35,464
		2229	Petroleum Products	386,793
		3200	Chemicals excluding Fertilizers	173,702

ORIGIN AND DESTINATION OF WATERBORNE COMMERCE OF THE UNITED STATES, 1998

ORIGIN	DESTINATION	CODE	COMMODITY	TONS
Illinois Waterway	Lower Miss: Baton Rouge - G	4400	Iron Ore, Iron, and Steel Waste and Scrap	11,220
		5354	Primary Metal Products	4,314
		6168	Food and Food Products	15,059,601
		8099	Unknown and Not Elsewhere Classified Products	4,095
		*****		-----
	sum			15,675,189
	Lower Miss: Cairo - Baton R	1000	Coal, Lignite, and Coal Coke	16,500
		2229	Petroleum Products	34,561
		3100	Chemical Fertilizers	42,028
		3200	Chemicals excluding Fertilizers	11,448
		4400	Iron Ore, Iron, and Steel Waste and Scrap	90,910
		6168	Food and Food Products	418,453
		8099	Unknown and Not Elsewhere Classified Products	1,649
	*****			-----
	sum			615,549
	Lower Upper Mississippi Riv	2229	Petroleum Products	406,849
		3200	Chemicals excluding Fertilizers	31,490
		8099	Unknown and Not Elsewhere Classified Products	19,514
	*****			-----
	sum			457,853
	Missouri River	8099	Unknown and Not Elsewhere Classified Products	23,167
	*****			-----
	sum			23,167
Mobile River & Tributary		8099	Unknown and Not Elsewhere Classified Products	5,855
	*****			-----
	sum			5,855
Ohio River System		1000	Coal, Lignite, and Coal Coke	32,656
		2229	Petroleum Products	976,309
		3200	Chemicals excluding Fertilizers	196,433
		6168	Food and Food Products	78,774
		8099	Unknown and Not Elsewhere Classified Products	60,500
	*****			-----
	sum			1,344,672
Tennessee River		2229	Petroleum Products	45,264
		3100	Chemical Fertilizers	10,215
		6168	Food and Food Products	1,003,795
		8099	Unknown and Not Elsewhere Classified Products	11,078
	*****			-----
	sum			1,070,352
Upper Mississippi River		8099	Unknown and Not Elsewhere Classified Products	133,728
	*****			-----
	sum			133,728

ORIGIN AND DESTINATION OF WATERBORNE COMMERCE OF THE UNITED STATES, 1998

ORIGIN	DESTINATION	CODE	COMMODITY	TONS

sum				24,168,732
Lower Miss: Baton Rouge - Arkansas River		2229	Petroleum Products	152,403
		3100	Chemical Fertilizers	834,964
		3200	Chemicals excluding Fertilizers	123,773
		4349	Sand, Gravel, Shells, Clay, Salt, and Slag	27,325
		4400	Iron Ore, Iron, and Steel Waste and Scrap	31,697
		4600	Non-Ferrous Ores and Scrap	38,334
		5155	Primary Non-Metal Products	187,629
		5354	Primary Metal Products	689,524
		6168	Food and Food Products	93,050
		8099	Unknown and Not Elsewhere Classified Products	33,441

sum				2,212,140
Canada		2229	Petroleum Products	464,890
		3100	Chemical Fertilizers	4,365
		3200	Chemicals excluding Fertilizers	126,401
		4600	Non-Ferrous Ores and Scrap	575
		5155	Primary Non-Metal Products	87
		5354	Primary Metal Products	2,911
		6168	Food and Food Products	2,727
		7000	Manufactured Goods	9,361

sum				611,317
Carribean		6168	Food and Food Products	715,608
		8099	Unknown and Not Elsewhere Classified Products	25,588

sum				741,196
Columbia/Snake/Willamette		8099	Unknown and Not Elsewhere Classified Products	27,473

sum				27,473
Great Lakes System		1000	Coal, Lignite, and Coal Coke	490,378
		2229	Petroleum Products	6,032
		3100	Chemical Fertilizers	63,468
		3200	Chemicals excluding Fertilizers	165,492
		4349	Sand, Gravel, Shells, Clay, Salt, and Slag	25,703
		4600	Non-Ferrous Ores and Scrap	98,057
		5155	Primary Non-Metal Products	67,110
		5354	Primary Metal Products	1,817,203
		8099	Unknown and Not Elsewhere Classified Products	38,403

sum				2,771,846

ORIGIN AND DESTINATION OF WATERBORNE COMMERCE OF THE UNITED STATES, 1998

ORIGIN	DESTINATION	CODE	COMMODITY	TONS
Lower Miss: Baton Rouge - Gulf Coast East		1000	Coal, Lignite, and Coal Coke	9,766,360
		2229	Petroleum Products	10,393,635
		3100	Chemical Fertilizers	90,292
		3200	Chemicals excluding Fertilizers	1,758,411
		4349	Sand, Gravel, Shells, Clay, Salt, and Slag	87,606
		4600	Non-Ferrous Ores and Scrap	5,841
		5354	Primary Metal Products	105,542
		7000	Manufactured Goods	1,015
		8099	Unknown and Not Elsewhere Classified Products	34,963
		*****		-----
		sum		22,243,665
Gulf Coast West		2100	Crude Petroleum	1,365,651
		2229	Petroleum Products	5,065,111
		3100	Chemical Fertilizers	630,576
		3200	Chemicals excluding Fertilizers	3,056,341
		4349	Sand, Gravel, Shells, Clay, Salt, and Slag	684,833
		4400	Iron Ore, Iron, and Steel Waste and Scrap	117,092
		4600	Non-Ferrous Ores and Scrap	53,724
		5155	Primary Non-Metal Products	160,223
		5354	Primary Metal Products	776,016
		6168	Food and Food Products	175,461
		7000	Manufactured Goods	29,153
		8099	Unknown and Not Elsewhere Classified Products	26,848
		*****		-----
		sum		12,141,029
Illinois Waterway		1000	Coal, Lignite, and Coal Coke	90,792
		2229	Petroleum Products	294,007
		3100	Chemical Fertilizers	592,372
		3200	Chemicals excluding Fertilizers	1,186,945
		4349	Sand, Gravel, Shells, Clay, Salt, and Slag	67,175
		4400	Iron Ore, Iron, and Steel Waste and Scrap	27,816
		4600	Non-Ferrous Ores and Scrap	34,890
		5155	Primary Non-Metal Products	461,085
		5354	Primary Metal Products	836,724
		6168	Food and Food Products	110,572
		8099	Unknown and Not Elsewhere Classified Products	9,180
		*****		-----
		sum		3,711,558
Lower Miss: Baton Rouge - G		1000	Coal, Lignite, and Coal Coke	229,562
		2100	Crude Petroleum	4,482,983
		2229	Petroleum Products	14,018,818
		3100	Chemical Fertilizers	171,869
		3200	Chemicals excluding Fertilizers	5,109,764
		4349	Sand, Gravel, Shells, Clay, Salt, and Slag	85,016
		4400	Iron Ore, Iron, and Steel Waste and Scrap	1,063,431
		4600	Non-Ferrous Ores and Scrap	111,029
		5155	Primary Non-Metal Products	520,378

ORIGIN AND DESTINATION OF WATERBORNE COMMERCE OF THE UNITED STATES, 1998

ORIGIN	DESTINATION	CODE	COMMODITY	TONS
Lower Miss: Baton Rouge -	Lower Miss: Baton Rouge - G	5354	Primary Metal Products	152,247
		6168	Food and Food Products	893,344
		7000	Manufactured Goods	5,821
		8099	Unknown and Not Elsewhere Classified Products	10,915
		*****		-----
	sum			26,855,177
Lower Miss: Cairo - Baton R		2100	Crude Petroleum	1,122,379
		2229	Petroleum Products	4,033,240
		3100	Chemical Fertilizers	1,136,506
		3200	Chemicals excluding Fertilizers	367,464
		4349	Sand, Gravel, Shells, Clay, Salt, and Slag	83,280
		4400	Iron Ore, Iron, and Steel Waste and Scrap	1,226,662
		4600	Non-Ferrous Ores and Scrap	389,398
		5155	Primary Non-Metal Products	248,636
		5354	Primary Metal Products	1,632,843
		6168	Food and Food Products	213,957
		7000	Manufactured Goods	170,447
		8099	Unknown and Not Elsewhere Classified Products	362,397
	*****			-----
	sum			10,987,209
Lower Upper Mississippi Riv		1000	Coal, Lignite, and Coal Coke	135,372
		2229	Petroleum Products	509,949
		3100	Chemical Fertilizers	386,116
		3200	Chemicals excluding Fertilizers	474,612
		4349	Sand, Gravel, Shells, Clay, Salt, and Slag	42,441
		4400	Iron Ore, Iron, and Steel Waste and Scrap	26,719
		4600	Non-Ferrous Ores and Scrap	92,934
		5354	Primary Metal Products	597,431
		6168	Food and Food Products	65,053
		8099	Unknown and Not Elsewhere Classified Products	35,463
	*****			-----
	sum			2,366,090
Middle Atlantic Coast		3200	Chemicals excluding Fertilizers	297,762
		8099	Unknown and Not Elsewhere Classified Products	249,309
	*****			-----
	sum			547,071
Missouri River		3100	Chemical Fertilizers	380,377
		3200	Chemicals excluding Fertilizers	4,545
		5354	Primary Metal Products	110,744
		8099	Unknown and Not Elsewhere Classified Products	32,458
	*****			-----
	sum			528,124
Mobile River & Tributary		2100	Crude Petroleum	129,126
		2229	Petroleum Products	634,729
		3100	Chemical Fertilizers	6,636

ORIGIN AND DESTINATION OF WATERBORNE COMMERCE OF THE UNITED STATES, 1998

ORIGIN	DESTINATION	CODE	COMMODITY	TONS
Lower Miss: Baton Rouge - Mobile River & Tributary		3200	Chemicals excluding Fertilizers	393,588
		4349	Sand, Gravel, Shells, Clay, Salt, and Slag	16,558
		4400	Iron Ore, Iron, and Steel Waste and Scrap	68,123
		5155	Primary Non-Metal Products	53,602
		5354	Primary Metal Products	199,349
		6168	Food and Food Products	20,777
		7000	Manufactured Goods	5,041
		8099	Unknown and Not Elsewhere Classified Products	28,001
	*****			-----
	sum			1,555,530
North Atlantic Coast		8099	Unknown and Not Elsewhere Classified Products	13,393
	*****			-----
	sum			13,393
Ohio River System		1000	Coal, Lignite, and Coal Coke	798,847
		2229	Petroleum Products	3,240,879
		3100	Chemical Fertilizers	1,257,934
		3200	Chemicals excluding Fertilizers	2,323,800
		4349	Sand, Gravel, Shells, Clay, Salt, and Slag	624,862
		4400	Iron Ore, Iron, and Steel Waste and Scrap	1,224,313
		4600	Non-Ferrous Ores and Scrap	1,754,920
		5155	Primary Non-Metal Products	463,685
		5354	Primary Metal Products	4,245,973
		6168	Food and Food Products	156,168
		7000	Manufactured Goods	40,486
		8099	Unknown and Not Elsewhere Classified Products	5,300
	*****			-----
	sum			16,137,167
Other		2229	Petroleum Products	15,185
		4349	Sand, Gravel, Shells, Clay, Salt, and Slag	33,867
		5155	Primary Non-Metal Products	2,779
		5354	Primary Metal Products	1,742
		6168	Food and Food Products	12,946
		7000	Manufactured Goods	198,859
		8099	Unknown and Not Elsewhere Classified Products	8,312
	*****			-----
	sum			273,690
Rest of World (Overseas)		1000	Coal, Lignite, and Coal Coke	5,066,183
		2229	Petroleum Products	4,788,375
		3100	Chemical Fertilizers	1,626,265
		3200	Chemicals excluding Fertilizers	2,547,190
		4142	Lumber, Logs, Wood Chips, and Pulp	1,091,125
		4349	Sand, Gravel, Shells, Clay, Salt, and Slag	129,607
		4400	Iron Ore, Iron, and Steel Waste and Scrap	87,940
		4600	Non-Ferrous Ores and Scrap	127,996
		5155	Primary Non-Metal Products	747,528
		5354	Primary Metal Products	132,254

ORIGIN AND DESTINATION OF WATERBORNE COMMERCE OF THE UNITED STATES, 1998

ORIGIN	DESTINATION	CODE	COMMODITY	TONS
Lower Miss: Baton Rouge - Rest of World (Overseas)		6168	Food and Food Products	78,745,475
		7000	Manufactured Goods	396,381
		8099	Unknown and Not Elsewhere Classified Products	8,733
	***** sum			95,495,052
South Atlantic Coast		2229	Petroleum Products	5,601,026
		3200	Chemicals excluding Fertilizers	455,150
		8099	Unknown and Not Elsewhere Classified Products	231,962
	***** sum			6,288,138
Tennessee River		1000	Coal, Lignite, and Coal Coke	158,822
		2229	Petroleum Products	1,041,348
		3100	Chemical Fertilizers	227,976
		3200	Chemicals excluding Fertilizers	388,451
		4349	Sand, Gravel, Shells, Clay, Salt, and Slag	58,311
		4400	Iron Ore, Iron, and Steel Waste and Scrap	58,555
		4600	Non-Ferrous Ores and Scrap	108,220
		5155	Primary Non-Metal Products	16,184
		5354	Primary Metal Products	1,061,617
		6168	Food and Food Products	47,128
		8099	Unknown and Not Elsewhere Classified Products	58,965
	***** sum			3,225,577
Trans-shipment Area		8099	Unknown and Not Elsewhere Classified Products	1,543
	***** sum			1,543
Upper Mississippi River		2229	Petroleum Products	75,472
		3100	Chemical Fertilizers	1,548,282
		3200	Chemicals excluding Fertilizers	379,752
		4349	Sand, Gravel, Shells, Clay, Salt, and Slag	185,925
		4400	Iron Ore, Iron, and Steel Waste and Scrap	36,644
		4600	Non-Ferrous Ores and Scrap	139,594
		5155	Primary Non-Metal Products	585,333
		5354	Primary Metal Products	545,974
		6168	Food and Food Products	116,606
		7000	Manufactured Goods	22,223
		8099	Unknown and Not Elsewhere Classified Products	1,400
	***** sum			3,637,205
***** sum				212,371,190
Lower Miss: Cairo - Baton Arkansas River				
		3100	Chemical Fertilizers	61,767

ORIGIN AND DESTINATION OF WATERBORNE COMMERCE OF THE UNITED STATES, 1998

ORIGIN	DESTINATION	CODE	COMMODITY	TONS
Lower Miss: Cairo - Baton	Arkansas River	5354	Primary Metal Products	54,758
		6168	Food and Food Products	13,494
		8099	Unknown and Not Elsewhere Classified Products	168,829
		*****		-----
	sum			298,848
	Carribean	8099	Unknown and Not Elsewhere Classified Products	1,000
		*****		-----
	sum			1,000
	Great Lakes System	5354	Primary Metal Products	7,897
		8099	Unknown and Not Elsewhere Classified Products	29,000
		*****		-----
		sum		36,897
Gulf Coast East		2229	Petroleum Products	130,804
		4349	Sand, Gravel, Shells, Clay, Salt, and Slag	17,863
		8099	Unknown and Not Elsewhere Classified Products	148,384
		*****		-----
	sum			297,051
	Gulf Coast West	2229	Petroleum Products	207,555
		3100	Chemical Fertilizers	23,181
		3200	Chemicals excluding Fertilizers	19,775
		4349	Sand, Gravel, Shells, Clay, Salt, and Slag	13,922
		5354	Primary Metal Products	129,787
		6168	Food and Food Products	152,844
		7000	Manufactured Goods	1,687
		8099	Unknown and Not Elsewhere Classified Products	190,451
		*****		-----
	sum			739,202
Illinois Waterway		2229	Petroleum Products	43,193
		3100	Chemical Fertilizers	49,433
		3200	Chemicals excluding Fertilizers	26,597
		5354	Primary Metal Products	58,448
		8099	Unknown and Not Elsewhere Classified Products	43,870
	*****			-----
		sum		221,541
Lower Miss: Baton Rouge - G		2100	Crude Petroleum	176,719
		2229	Petroleum Products	474,561
		3100	Chemical Fertilizers	29,448
		3200	Chemicals excluding Fertilizers	8,832
		4142	Lumber, Logs, Wood Chips, and Pulp	88,048
		4349	Sand, Gravel, Shells, Clay, Salt, and Slag	53,445
		5155	Primary Non-Metal Products	89,044
		5354	Primary Metal Products	17,076
		6168	Food and Food Products	8,554,710
		7000	Manufactured Goods	3,514

ORIGIN AND DESTINATION OF WATERBORNE COMMERCE OF THE UNITED STATES, 1998

ORIGIN	DESTINATION	CODE	COMMODITY	TONS
Lower Miss: Cairo - Baton	Lower Miss: Baton Rouge - G	8099	Unknown and Not Elsewhere Classified Products	22,714

	sum			9,518,111
	Lower Miss: Cairo - Baton R	2229	Petroleum Products	1,794,321
		3100	Chemical Fertilizers	271,188
		4142	Lumber, Logs, Wood Chips, and Pulp	135,550
		4349	Sand, Gravel, Shells, Clay, Salt, and Slag	208,603
		4400	Iron Ore, Iron, and Steel Waste and Scrap	45,163
		5155	Primary Non-Metal Products	950
		6168	Food and Food Products	456,726
		7000	Manufactured Goods	2,729
		8099	Unknown and Not Elsewhere Classified Products	14,415

	sum			2,929,645
	Lower Upper Mississippi Riv	2229	Petroleum Products	359,755
		3100	Chemical Fertilizers	43,229
		5354	Primary Metal Products	85,711
		6168	Food and Food Products	8,717
		8099	Unknown and Not Elsewhere Classified Products	53,546

	sum			550,958
	Missouri River	3100	Chemical Fertilizers	27,472
		8099	Unknown and Not Elsewhere Classified Products	1,407

	sum			28,879
	Mobile River & Tributary	8099	Unknown and Not Elsewhere Classified Products	106,299

	sum			106,299
	Ohio River System	2229	Petroleum Products	1,026,122
		3100	Chemical Fertilizers	184,220
		4349	Sand, Gravel, Shells, Clay, Salt, and Slag	79,780
		5354	Primary Metal Products	166,226
		6168	Food and Food Products	19,878
		8099	Unknown and Not Elsewhere Classified Products	102,692

	sum			1,578,918
	Other	2229	Petroleum Products	31,076
		3200	Chemicals excluding Fertilizers	3,574
		4349	Sand, Gravel, Shells, Clay, Salt, and Slag	39,647
		5155	Primary Non-Metal Products	9,517
		5354	Primary Metal Products	6,137
		6168	Food and Food Products	53,672
		7000	Manufactured Goods	403,865
		8099	Unknown and Not Elsewhere Classified Products	4,986

ORIGIN AND DESTINATION OF WATERBORNE COMMERCE OF THE UNITED STATES, 1998

ORIGIN	DESTINATION	CODE	COMMODITY	TONS

	sum			552,474
Lower Miss: Cairo - Baton	South Atlantic Coast	8099	Unknown and Not Elsewhere Classified Products	59,685

	sum			59,685
	Tennessee River	2229	Petroleum Products	509,945
		3100	Chemical Fertilizers	71,266
		5354	Primary Metal Products	85,874
		8099	Unknown and Not Elsewhere Classified Products	4,728

	sum			671,813
	Upper Mississippi River	3100	Chemical Fertilizers	80,427
		6168	Food and Food Products	14,494
		8099	Unknown and Not Elsewhere Classified Products	85,129

	sum			180,050

sum				17,771,371
Lower Upper Mississippi R	Arkansas River	5155	Primary Non-Metal Products	72,699
		8099	Unknown and Not Elsewhere Classified Products	244,820

	sum			317,519
	Great Lakes System	1000	Coal, Lignite, and Coal Coke	54,177
		8099	Unknown and Not Elsewhere Classified Products	88,559

	sum			142,736
	Gulf Coast East	1000	Coal, Lignite, and Coal Coke	87,941
		4349	Sand, Gravel, Shells, Clay, Salt, and Slag	52,886
		8099	Unknown and Not Elsewhere Classified Products	5,798

	sum			146,625
	Gulf Coast West	2229	Petroleum Products	126,212
		3200	Chemicals excluding Fertilizers	13,743
		4349	Sand, Gravel, Shells, Clay, Salt, and Slag	1,505,198
		6168	Food and Food Products	11,109
		8099	Unknown and Not Elsewhere Classified Products	199,069

	sum			1,855,331
	Illinois Waterway	2229	Petroleum Products	600,195

ORIGIN AND DESTINATION OF WATERBORNE COMMERCE OF THE UNITED STATES, 1998

ORIGIN	DESTINATION	CODE	COMMODITY	TONS
Lower Upper Mississippi R	Illinois Waterway	4142	Lumber, Logs, Wood Chips, and Pulp	10,827
		4349	Sand, Gravel, Shells, Clay, Salt, and Slag	142,688
		8099	Unknown and Not Elsewhere Classified Products	634,868
		*****		-----
	sum			1,388,578
Lower Miss: Baton Rouge - G		1000	Coal, Lignite, and Coal Coke	1,696,535
		2229	Petroleum Products	645,266
		3200	Chemicals excluding Fertilizers	29,361
		4142	Lumber, Logs, Wood Chips, and Pulp	72,207
		4349	Sand, Gravel, Shells, Clay, Salt, and Slag	1,313,514
		5155	Primary Non-Metal Products	178,607
		6168	Food and Food Products	9,867,197
		7000	Manufactured Goods	3,208
		8099	Unknown and Not Elsewhere Classified Products	6,785
		*****		-----
	sum			13,812,680
Lower Miss: Cairo - Baton R		2229	Petroleum Products	499,508
		3200	Chemicals excluding Fertilizers	47,112
		4349	Sand, Gravel, Shells, Clay, Salt, and Slag	2,096,805
		5155	Primary Non-Metal Products	1,096,067
		6168	Food and Food Products	41,696
		8099	Unknown and Not Elsewhere Classified Products	8,751,244
		*****		-----
	sum			12,532,432
Lower Upper Mississippi Riv		1000	Coal, Lignite, and Coal Coke	2,119,694
		2229	Petroleum Products	259,868
		4349	Sand, Gravel, Shells, Clay, Salt, and Slag	1,195,500
		6168	Food and Food Products	10,742
		8099	Unknown and Not Elsewhere Classified Products	846,053
		*****		-----
	sum			4,431,857
Missouri River		8099	Unknown and Not Elsewhere Classified Products	237,120
	*****			-----
	sum			237,120
Mobile River & Tributary		4349	Sand, Gravel, Shells, Clay, Salt, and Slag	35,182
		8099	Unknown and Not Elsewhere Classified Products	66,011
		*****		-----
	sum			101,193
Ohio River System		1000	Coal, Lignite, and Coal Coke	1,738,388
		2229	Petroleum Products	688,118
		3200	Chemicals excluding Fertilizers	85,614
		4349	Sand, Gravel, Shells, Clay, Salt, and Slag	64,758
		4400	Iron Ore, Iron, and Steel Waste and Scrap	113,779
		5155	Primary Non-Metal Products	1,080,932

ORIGIN AND DESTINATION OF WATERBORNE COMMERCE OF THE UNITED STATES, 1998

ORIGIN	DESTINATION	CODE	COMMODITY	TONS
Lower Upper Mississippi R	Ohio River System	6168	Food and Food Products	30,476
		8099	Unknown and Not Elsewhere Classified Products	55,634
		*****		-----
	sum			3,857,699
	Tennessee River	2229	Petroleum Products	339,095
		5155	Primary Non-Metal Products	119,917
		6168	Food and Food Products	160,529
		8099	Unknown and Not Elsewhere Classified Products	875,435
		*****		-----
	sum			1,494,976
	Upper Mississippi River	1000	Coal, Lignite, and Coal Coke	679,170
		2229	Petroleum Products	109,894
		4349	Sand, Gravel, Shells, Clay, Salt, and Slag	37,051
		5354	Primary Metal Products	14,696
		6168	Food and Food Products	14,168
		8099	Unknown and Not Elsewhere Classified Products	23,732
		*****		-----
	sum			878,711
*****				-----
sum				41,197,457
Middle Atlantic Coast	California Coast	8099	Unknown and Not Elsewhere Classified Products	3,725
		*****		-----
	sum			3,725
	Canada	1000	Coal, Lignite, and Coal Coke	2,112,224
		2100	Crude Petroleum	8,023
		2229	Petroleum Products	641,687
		3100	Chemical Fertilizers	2,223
		3200	Chemicals excluding Fertilizers	110,764
		4142	Lumber, Logs, Wood Chips, and Pulp	30,331
		4349	Sand, Gravel, Shells, Clay, Salt, and Slag	5,311
		5155	Primary Non-Metal Products	3,740
		5354	Primary Metal Products	3,184
		6168	Food and Food Products	12,559
		7000	Manufactured Goods	5,922
		8099	Unknown and Not Elsewhere Classified Products	221
		*****		-----
	sum			2,936,189
	Carribean	2229	Petroleum Products	31,460
		3100	Chemical Fertilizers	5,807
		3200	Chemicals excluding Fertilizers	138,461
		4142	Lumber, Logs, Wood Chips, and Pulp	9,722
		4349	Sand, Gravel, Shells, Clay, Salt, and Slag	16,673

ORIGIN AND DESTINATION OF WATERBORNE COMMERCE OF THE UNITED STATES, 1998

ORIGIN	DESTINATION	CODE	COMMODITY	TONS
Middle Atlantic Coast	Carribean	5155	Primary Non-Metal Products	100,705
		5354	Primary Metal Products	67,061
		6168	Food and Food Products	319,601
		7000	Manufactured Goods	466,349
		8099	Unknown and Not Elsewhere Classified Products	16,810
		*****		-----
	sum			1,172,649
	Gulf Coast East	2229	Petroleum Products	53,845
		8099	Unknown and Not Elsewhere Classified Products	38,781
	*****			-----
	sum			92,626
Gulf Coast West	2229	Petroleum Products	376,945	
		3200	Chemicals excluding Fertilizers	181,969
		8099	Unknown and Not Elsewhere Classified Products	35,825
	*****			-----
	sum			594,739
	Lower Miss: Baton Rouge - G	2229	Petroleum Products	286,364
		8099	Unknown and Not Elsewhere Classified Products	274,860
	*****			-----
	sum			561,224
Middle Atlantic Coast		1000	Coal, Lignite, and Coal Coke	6,788,401
		2100	Crude Petroleum	13,900,432
		2229	Petroleum Products	53,829,416
		3100	Chemical Fertilizers	428,583
		3200	Chemicals excluding Fertilizers	2,217,039
		4142	Lumber, Logs, Wood Chips, and Pulp	313,771
		4349	Sand, Gravel, Shells, Clay, Salt, and Slag	12,700,789
		4400	Iron Ore, Iron, and Steel Waste and Scrap	354,083
		5155	Primary Non-Metal Products	1,093,654
		5354	Primary Metal Products	57,886
		6168	Food and Food Products	447,226
		7000	Manufactured Goods	2,272,997
		8099	Unknown and Not Elsewhere Classified Products	3,049,960
		*****		-----
	sum			97,454,237
North Atlantic Coast		1000	Coal, Lignite, and Coal Coke	4,360,681
		2229	Petroleum Products	20,867,593
		3200	Chemicals excluding Fertilizers	93,331
		4349	Sand, Gravel, Shells, Clay, Salt, and Slag	855,333
		5155	Primary Non-Metal Products	1,175,648
		7000	Manufactured Goods	283,754
		8099	Unknown and Not Elsewhere Classified Products	3,598
		*****		-----
	sum			27,639,938

ORIGIN AND DESTINATION OF WATERBORNE COMMERCE OF THE UNITED STATES, 1998

ORIGIN	DESTINATION	CODE	COMMODITY	TONS
Middle Atlantic Coast	Rest of World (Overseas)	1000	Coal, Lignite, and Coal Coke	41,661,435
		2100	Crude Petroleum	480
		2229	Petroleum Products	608,203
		3100	Chemical Fertilizers	1,131,841
		3200	Chemicals excluding Fertilizers	2,411,040
		4142	Lumber, Logs, Wood Chips, and Pulp	2,758,665
		4349	Sand, Gravel, Shells, Clay, Salt, and Slag	528,723
		4400	Iron Ore, Iron, and Steel Waste and Scrap	1,045,939
		4600	Non-Ferrous Ores and Scrap	316,108
		5155	Primary Non-Metal Products	1,559,091
		5354	Primary Metal Products	765,510
		6168	Food and Food Products	4,054,637
		7000	Manufactured Goods	3,324,801
		8099	Unknown and Not Elsewhere Classified Products	179,725
	*****			-----
	sum			60,346,198
	South Atlantic Coast	2229	Petroleum Products	551,979
		3100	Chemical Fertilizers	44,843
		4400	Iron Ore, Iron, and Steel Waste and Scrap	192,022
		5155	Primary Non-Metal Products	196,665
		5354	Primary Metal Products	27,878
		7000	Manufactured Goods	128,124
		8099	Unknown and Not Elsewhere Classified Products	141,098
	*****			-----
	sum			1,282,609
*****				-----
	sum			192,084,134
Missouri River	Illinois Waterway	8099	Unknown and Not Elsewhere Classified Products	2,851
		*****		-----
		sum		2,851
	Lower Miss: Baton Rouge - G	6168	Food and Food Products	594,724
		*****		-----
		sum		594,724
	Lower Miss: Cairo - Baton R	8099	Unknown and Not Elsewhere Classified Products	5,610
		*****		-----
		sum		5,610
	Lower Upper Mississippi Riv	8099	Unknown and Not Elsewhere Classified Products	4,120
		*****		-----
		sum		4,120
	Missouri River	4349	Sand, Gravel, Shells, Clay, Salt, and Slag	6,377,040
		8099	Unknown and Not Elsewhere Classified Products	9,865

ORIGIN AND DESTINATION OF WATERBORNE COMMERCE OF THE UNITED STATES, 1998

ORIGIN	DESTINATION	CODE	COMMODITY	TONS
	*****			-----
	sum			6,386,905
Missouri River	Ohio River System	8099	Unknown and Not Elsewhere Classified Products	15,627
	*****			-----
	sum			15,627
	Tennessee River	6168	Food and Food Products	77,218
	*****			-----
	sum			77,218
	Upper Mississippi River	8099	Unknown and Not Elsewhere Classified Products	95,400
	*****			-----
	sum			95,400
*****				-----
sum				7,182,455
Mobile River & Tributary	Arkansas River	8099	Unknown and Not Elsewhere Classified Products	5,587
	*****			-----
	sum			5,587
	Canada	4142	Lumber, Logs, Wood Chips, and Pulp	489
		5155	Primary Non-Metal Products	18
	*****			-----
	sum			507
	Carribean	8099	Unknown and Not Elsewhere Classified Products	158,376
	*****			-----
	sum			158,376
	Great Lakes System	1000	Coal, Lignite, and Coal Coke	61,957
		8099	Unknown and Not Elsewhere Classified Products	23,289
	*****			-----
	sum			85,246
	Gulf Coast East	2229	Petroleum Products	826,568
		3200	Chemicals excluding Fertilizers	43,695
		4142	Lumber, Logs, Wood Chips, and Pulp	1,121,395
		4349	Sand, Gravel, Shells, Clay, Salt, and Slag	343,788
		5354	Primary Metal Products	5,396
		8099	Unknown and Not Elsewhere Classified Products	2,860,452
	*****			-----
	sum			5,201,294
	Gulf Coast West	2100	Crude Petroleum	118,129
		2229	Petroleum Products	201,645
		3200	Chemicals excluding Fertilizers	146,459

ORIGIN AND DESTINATION OF WATERBORNE COMMERCE OF THE UNITED STATES, 1998

ORIGIN	DESTINATION	CODE	COMMODITY	TONS
Mobile River & Tributary	Gulf Coast West	4400	Iron Ore, Iron, and Steel Waste and Scrap	26,355
		5354	Primary Metal Products	29,907
		7000	Manufactured Goods	4,800
		8099	Unknown and Not Elsewhere Classified Products	6,944
		*****		-----
	sum			534,239
Illinois Waterway		4142	Lumber, Logs, Wood Chips, and Pulp	134,954
		8099	Unknown and Not Elsewhere Classified Products	10,056
		*****		-----
	sum			145,010
Lower Miss: Baton Rouge - G		2100	Crude Petroleum	654,940
		2229	Petroleum Products	748,935
		3200	Chemicals excluding Fertilizers	258,140
		4400	Iron Ore, Iron, and Steel Waste and Scrap	13,661
		5354	Primary Metal Products	4,263
		6168	Food and Food Products	75,436
		8099	Unknown and Not Elsewhere Classified Products	17,609
		*****		-----
	sum			1,772,984
Lower Miss: Cairo - Baton R		5354	Primary Metal Products	14,056
		8099	Unknown and Not Elsewhere Classified Products	57,916
		*****		-----
	sum			71,972
Lower Upper Mississippi Riv		4142	Lumber, Logs, Wood Chips, and Pulp	12,584
		4349	Sand, Gravel, Shells, Clay, Salt, and Slag	4,289
		8099	Unknown and Not Elsewhere Classified Products	6,421
		*****		-----
	sum			23,294
Mobile River & Tributary		1000	Coal, Lignite, and Coal Coke	8,834,219
		2100	Crude Petroleum	673,914
		2229	Petroleum Products	660,064
		3200	Chemicals excluding Fertilizers	104,985
		4142	Lumber, Logs, Wood Chips, and Pulp	3,336,281
		4349	Sand, Gravel, Shells, Clay, Salt, and Slag	74,869
		4400	Iron Ore, Iron, and Steel Waste and Scrap	2,302,001
		5155	Primary Non-Metal Products	84,797
		5354	Primary Metal Products	393,665
		8099	Unknown and Not Elsewhere Classified Products	28,547
		*****		-----
	sum			16,493,342
Ohio River System		4142	Lumber, Logs, Wood Chips, and Pulp	98,479
		4349	Sand, Gravel, Shells, Clay, Salt, and Slag	109,615
		4400	Iron Ore, Iron, and Steel Waste and Scrap	6,782
		5354	Primary Metal Products	203,020

ORIGIN AND DESTINATION OF WATERBORNE COMMERCE OF THE UNITED STATES, 1998

ORIGIN	DESTINATION	CODE	COMMODITY	TONS
Mobile River & Tributary	Ohio River System	8099	Unknown and Not Elsewhere Classified Products	14,351
	***** sum			432,247
	Other	7000	Manufactured Goods	35,921
	***** sum	8099	Unknown and Not Elsewhere Classified Products	36,002
Rest of World (Overseas)		1000	Coal, Lignite, and Coal Coke	4,407,251
		2229	Petroleum Products	32,500
		3100	Chemical Fertilizers	2,413
		3200	Chemicals excluding Fertilizers	25,973
		4142	Lumber, Logs, Wood Chips, and Pulp	3,585,879
		4349	Sand, Gravel, Shells, Clay, Salt, and Slag	48,607
		4400	Iron Ore, Iron, and Steel Waste and Scrap	3,437
		4600	Non-Ferrous Ores and Scrap	60,417
		5155	Primary Non-Metal Products	674,507
		5354	Primary Metal Products	65,180
		6168	Food and Food Products	765,665
		7000	Manufactured Goods	75,033
		8099	Unknown and Not Elsewhere Classified Products	1,649
	***** sum			9,748,511
South Atlantic Coast		2229	Petroleum Products	21,823
	***** sum			21,823
Tennessee River		5354	Primary Metal Products	83,106
	***** sum	8099	Unknown and Not Elsewhere Classified Products	625,894
Upper Mississippi River				709,000
		4349	Sand, Gravel, Shells, Clay, Salt, and Slag	9,674
		4600	Non-Ferrous Ores and Scrap	10,155
	***** sum	8099	Unknown and Not Elsewhere Classified Products	11,647
***** sum				31,476
***** sum				35,506,831
North Atlantic Coast	Canada	2229	Petroleum Products	43,636
		3200	Chemicals excluding Fertilizers	36
		4142	Lumber, Logs, Wood Chips, and Pulp	18,444
		4349	Sand, Gravel, Shells, Clay, Salt, and Slag	2,398
		4400	Iron Ore, Iron, and Steel Waste and Scrap	84,385

ORIGIN AND DESTINATION OF WATERBORNE COMMERCE OF THE UNITED STATES, 1998

ORIGIN	DESTINATION	CODE	COMMODITY	TONS
North Atlantic Coast	Canada	4600	Non-Ferrous Ores and Scrap	1
		5155	Primary Non-Metal Products	342
		5354	Primary Metal Products	65
		6168	Food and Food Products	2,231
		7000	Manufactured Goods	250
		8099	Unknown and Not Elsewhere Classified Products	126

	sum			151,914
	Carribean	8099	Unknown and Not Elsewhere Classified Products	20,805

	sum			20,805
Lower Miss: Baton Rouge - G	*****	8099	Unknown and Not Elsewhere Classified Products	36,963
	sum			36,963
Middle Atlantic Coast		2229	Petroleum Products	170,259
		4349	Sand, Gravel, Shells, Clay, Salt, and Slag	711,747
		7000	Manufactured Goods	258,391
		8099	Unknown and Not Elsewhere Classified Products	237,003

	sum			1,377,400
North Atlantic Coast		2229	Petroleum Products	2,474,988
		4349	Sand, Gravel, Shells, Clay, Salt, and Slag	1,086,104
		7000	Manufactured Goods	13,185
		8099	Unknown and Not Elsewhere Classified Products	848,748

	sum			4,423,025
Rest of World (Overseas)		1000	Coal, Lignite, and Coal Coke	58
		2229	Petroleum Products	975
		3100	Chemical Fertilizers	1,497
		3200	Chemicals excluding Fertilizers	87,248
		4142	Lumber, Logs, Wood Chips, and Pulp	232,381
		4349	Sand, Gravel, Shells, Clay, Salt, and Slag	38,593
		4400	Iron Ore, Iron, and Steel Waste and Scrap	505,365
		4600	Non-Ferrous Ores and Scrap	1,629
		5155	Primary Non-Metal Products	64,500
		5354	Primary Metal Products	20,671
		6168	Food and Food Products	77,766
		7000	Manufactured Goods	42,865
		8099	Unknown and Not Elsewhere Classified Products	1,375

	sum			1,074,923
South Atlantic Coast	*****	8099	Unknown and Not Elsewhere Classified Products	203,754
	sum			203,754

ORIGIN AND DESTINATION OF WATERBORNE COMMERCE OF THE UNITED STATES, 1998

ORIGIN	DESTINATION	CODE	COMMODITY	TONS
*****				-----
sum				7,288,784
Ohio River System	Arkansas River	3100	Chemical Fertilizers	8,613
		4400	Iron Ore, Iron, and Steel Waste and Scrap	17,590
		4600	Non-Ferrous Ores and Scrap	5,504
		5354	Primary Metal Products	191,851
		6168	Food and Food Products	26,919
		8099	Unknown and Not Elsewhere Classified Products	170,668
	*****			-----
	sum			421,145
	Great Lakes System	1000	Coal, Lignite, and Coal Coke	876,022
		5354	Primary Metal Products	97,590
		8099	Unknown and Not Elsewhere Classified Products	107,245
	*****			-----
	sum			1,080,857
	Gulf Coast East	4349	Sand, Gravel, Shells, Clay, Salt, and Slag	1,232,326
		8099	Unknown and Not Elsewhere Classified Products	5,253,342
	*****			-----
	sum			6,485,668
	Gulf Coast West	1000	Coal, Lignite, and Coal Coke	9,694
		2229	Petroleum Products	165,599
		3100	Chemical Fertilizers	6,356
		3200	Chemicals excluding Fertilizers	194,039
		4349	Sand, Gravel, Shells, Clay, Salt, and Slag	2,460,388
		5354	Primary Metal Products	392,389
		6168	Food and Food Products	23,885
		8099	Unknown and Not Elsewhere Classified Products	14,435
	*****			-----
	sum			3,266,785
	Illinois Waterway	1000	Coal, Lignite, and Coal Coke	579,978
		2229	Petroleum Products	78,661
		3100	Chemical Fertilizers	17,726
		3200	Chemicals excluding Fertilizers	23,685
		4400	Iron Ore, Iron, and Steel Waste and Scrap	149,426
		5354	Primary Metal Products	9,656
		8099	Unknown and Not Elsewhere Classified Products	17,708
	*****			-----
	sum			876,840
	Lower Miss: Baton Rouge - G	1000	Coal, Lignite, and Coal Coke	10,185,985
		2229	Petroleum Products	491,171
		3200	Chemicals excluding Fertilizers	35,777

ORIGIN AND DESTINATION OF WATERBORNE COMMERCE OF THE UNITED STATES, 1998

ORIGIN	DESTINATION	CODE	COMMODITY	TONS
Ohio River System	Lower Miss: Baton Rouge - G	4349	Sand, Gravel, Shells, Clay, Salt, and Slag	1,232,503
		4400	Iron Ore, Iron, and Steel Waste and Scrap	57,330
		5155	Primary Non-Metal Products	40,487
		5354	Primary Metal Products	15,452
		6168	Food and Food Products	8,445,600
		8099	Unknown and Not Elsewhere Classified Products	13,679

	sum			20,517,984
	Lower Miss: Cairo - Baton R	1000	Coal, Lignite, and Coal Coke	196,491
		2229	Petroleum Products	140,800
		3100	Chemical Fertilizers	51,512
		3200	Chemicals excluding Fertilizers	93,322
		4349	Sand, Gravel, Shells, Clay, Salt, and Slag	971,459
		4400	Iron Ore, Iron, and Steel Waste and Scrap	365,446
		5354	Primary Metal Products	333,874
		6168	Food and Food Products	76,857
	*****	8099	Unknown and Not Elsewhere Classified Products	16,398
	sum			2,246,159
Lower Upper Mississippi Riv	Lower Upper Mississippi Riv	1000	Coal, Lignite, and Coal Coke	1,158,230
		2229	Petroleum Products	62,137
		3100	Chemical Fertilizers	12,283
		5354	Primary Metal Products	96,482
		6168	Food and Food Products	14,519
		8099	Unknown and Not Elsewhere Classified Products	36,263

	sum			1,379,914
	Missouri River	8099	Unknown and Not Elsewhere Classified Products	1,200

	sum			1,200
Mobile River & Tributary	Mobile River & Tributary	1000	Coal, Lignite, and Coal Coke	2,357,895
		3100	Chemical Fertilizers	6,306
		4349	Sand, Gravel, Shells, Clay, Salt, and Slag	276,067
		5354	Primary Metal Products	54,214
		8099	Unknown and Not Elsewhere Classified Products	1,450

	sum			2,695,932
Ohio River System	Ohio River System	1000	Coal, Lignite, and Coal Coke	118,320,842
		2229	Petroleum Products	9,058,228
		3100	Chemical Fertilizers	187,977
		3200	Chemicals excluding Fertilizers	605,032
		4349	Sand, Gravel, Shells, Clay, Salt, and Slag	30,592,256
		4400	Iron Ore, Iron, and Steel Waste and Scrap	383,112
		4600	Non-Ferrous Ores and Scrap	3,931
		5155	Primary Non-Metal Products	2,087,359

ORIGIN AND DESTINATION OF WATERBORNE COMMERCE OF THE UNITED STATES, 1998

ORIGIN	DESTINATION	CODE	COMMODITY	TONS
Ohio River System	Ohio River System	5354	Primary Metal Products	441,148
		6168	Food and Food Products	347,326
		8099	Unknown and Not Elsewhere Classified Products	196,982
		*****		-----
	sum			162,224,193
	Other	8099	Unknown and Not Elsewhere Classified Products	1,694
		*****		-----
		sum		1,694
	Tennessee River	1000	Coal, Lignite, and Coal Coke	5,387,212
		2229	Petroleum Products	165,574
		3100	Chemical Fertilizers	63,794
		5354	Primary Metal Products	176,528
		6168	Food and Food Products	433,603
		8099	Unknown and Not Elsewhere Classified Products	792,127
		*****		-----
	sum			7,018,838
*****	Upper Mississippi River	1000	Coal, Lignite, and Coal Coke	2,364,753
		6168	Food and Food Products	4,503
		8099	Unknown and Not Elsewhere Classified Products	80,130
		*****		-----
	sum			2,449,386
sum				210,666,595
Other	Gulf Coast East	2229	Petroleum Products	84,686
		4349	Sand, Gravel, Shells, Clay, Salt, and Slag	34,143
		5354	Primary Metal Products	9,147
		6168	Food and Food Products	19,234
		7000	Manufactured Goods	32,324
		8099	Unknown and Not Elsewhere Classified Products	803
		*****		-----
	sum			180,337
	Gulf Coast West	2100	Crude Petroleum	799,136
		2229	Petroleum Products	205,081
		3200	Chemicals excluding Fertilizers	10,123
		4349	Sand, Gravel, Shells, Clay, Salt, and Slag	444,552
		4400	Iron Ore, Iron, and Steel Waste and Scrap	698
		5155	Primary Non-Metal Products	21,247
		5354	Primary Metal Products	65,891
		6168	Food and Food Products	188,054
		7000	Manufactured Goods	3,047,744
		8099	Unknown and Not Elsewhere Classified Products	13,822
		*****		-----

ORIGIN AND DESTINATION OF WATERBORNE COMMERCE OF THE UNITED STATES, 1998

ORIGIN	DESTINATION	CODE	COMMODITY	TONS
	sum			4,796,348
Other	Lower Miss: Baton Rouge - G	2100	Crude Petroleum	192,268
		2229	Petroleum Products	42,613
		4349	Sand, Gravel, Shells, Clay, Salt, and Slag	13,527
		5354	Primary Metal Products	879
		6168	Food and Food Products	31,389
		7000	Manufactured Goods	172,854
		8099	Unknown and Not Elsewhere Classified Products	1,567,442
	*****			-----
	sum			2,020,972
	Lower Miss: Cairo - Baton R	2229	Petroleum Products	16,263
		3200	Chemicals excluding Fertilizers	1,649
		4349	Sand, Gravel, Shells, Clay, Salt, and Slag	10,698
		5155	Primary Non-Metal Products	11,253
		5354	Primary Metal Products	4,869
		6168	Food and Food Products	13,441
		7000	Manufactured Goods	387,134
		8099	Unknown and Not Elsewhere Classified Products	31,576
	*****			-----
	sum			476,883
	Mobile River & Tributary	7000	Manufactured Goods	28,172
		8099	Unknown and Not Elsewhere Classified Products	35,927
	*****			-----
	sum			64,099
	Other	2100	Crude Petroleum	222,418
		2229	Petroleum Products	23,806
		3200	Chemicals excluding Fertilizers	5,972
		4349	Sand, Gravel, Shells, Clay, Salt, and Slag	22,486
		5155	Primary Non-Metal Products	1,414
		5354	Primary Metal Products	4,502
		6168	Food and Food Products	154,797
		7000	Manufactured Goods	670,985
		8099	Unknown and Not Elsewhere Classified Products	557
	*****			-----
	sum			1,106,937
	South Atlantic Coast	8099	Unknown and Not Elsewhere Classified Products	212
	*****			-----
	sum			212
	Washington/Oregon Coast	8099	Unknown and Not Elsewhere Classified Products	75,356
	*****			-----
	sum			75,356
*****				-----
sum				8,721,144

ORIGIN AND DESTINATION OF WATERBORNE COMMERCE OF THE UNITED STATES, 1998

ORIGIN	DESTINATION	CODE	COMMODITY	TONS
Rest of World (Overseas)	Alaska	2100	Crude Petroleum	29,695
		2229	Petroleum Products	482,907
		3100	Chemical Fertilizers	1
		3200	Chemicals excluding Fertilizers	65
		4349	Sand, Gravel, Shells, Clay, Salt, and Slag	571
		5155	Primary Non-Metal Products	86,111
		5354	Primary Metal Products	33,740
		6168	Food and Food Products	1,220
		7000	Manufactured Goods	1,237
		8099	Unknown and Not Elsewhere Classified Products	1,615

		sum		637,162
California Coast		1000	Coal, Lignite, and Coal Coke	225,102
		2100	Crude Petroleum	17,592,966
		2229	Petroleum Products	4,673,087
		3100	Chemical Fertilizers	628,618
		3200	Chemicals excluding Fertilizers	4,236,627
		4142	Lumber, Logs, Wood Chips, and Pulp	636,948
		4349	Sand, Gravel, Shells, Clay, Salt, and Slag	1,538,603
		4400	Iron Ore, Iron, and Steel Waste and Scrap	33,449
		4600	Non-Ferrous Ores and Scrap	233,751
		5155	Primary Non-Metal Products	5,352,283
		5354	Primary Metal Products	7,819,249
		6168	Food and Food Products	6,467,055
		7000	Manufactured Goods	18,566,288
		8099	Unknown and Not Elsewhere Classified Products	172,078

		sum		68,176,104
Carribean		1000	Coal, Lignite, and Coal Coke	313,332
		2100	Crude Petroleum	22,362,433
		2229	Petroleum Products	9,699,365
		3100	Chemical Fertilizers	14,585
		3200	Chemicals excluding Fertilizers	241,379
		4142	Lumber, Logs, Wood Chips, and Pulp	24,895
		4349	Sand, Gravel, Shells, Clay, Salt, and Slag	334,181
		4400	Iron Ore, Iron, and Steel Waste and Scrap	74
		4600	Non-Ferrous Ores and Scrap	917,539
		5155	Primary Non-Metal Products	743,992
		5354	Primary Metal Products	465,057
		6168	Food and Food Products	1,078,111
		7000	Manufactured Goods	344,894
		8099	Unknown and Not Elsewhere Classified Products	13,397

		sum		36,553,234

ORIGIN AND DESTINATION OF WATERBORNE COMMERCE OF THE UNITED STATES, 1998

ORIGIN	DESTINATION	CODE	COMMODITY	TONS
Rest of World (Overseas)	Columbia/Snake/Willamette	1000	Coal, Lignite, and Coal Coke	6,993
		2100	Crude Petroleum	393,138
		2229	Petroleum Products	192,132
		3100	Chemical Fertilizers	235,474
		3200	Chemicals excluding Fertilizers	133,011
		4142	Lumber, Logs, Wood Chips, and Pulp	152,466
		4349	Sand, Gravel, Shells, Clay, Salt, and Slag	443,895
		4600	Non-Ferrous Ores and Scrap	1,395,660
		5155	Primary Non-Metal Products	568,903
		5354	Primary Metal Products	1,267,503
		6168	Food and Food Products	69,688
		7000	Manufactured Goods	638,229
		8099	Unknown and Not Elsewhere Classified Products	3,168
	*****			-----
	sum			5,500,260
Great Lakes System		2229	Petroleum Products	13,614
		3100	Chemical Fertilizers	43,210
		3200	Chemicals excluding Fertilizers	55,588
		4142	Lumber, Logs, Wood Chips, and Pulp	9,928
		4349	Sand, Gravel, Shells, Clay, Salt, and Slag	78,319
		4600	Non-Ferrous Ores and Scrap	382,345
		5155	Primary Non-Metal Products	46,172
		5354	Primary Metal Products	5,169,481
		6168	Food and Food Products	67,506
		7000	Manufactured Goods	45,753
	*****			-----
	sum			5,912,889
Gulf Coast East		1000	Coal, Lignite, and Coal Coke	117,302
		2100	Crude Petroleum	14,050,003
		2229	Petroleum Products	1,166,816
		3100	Chemical Fertilizers	147,894
		3200	Chemicals excluding Fertilizers	3,194,677
		4142	Lumber, Logs, Wood Chips, and Pulp	58,667
		4349	Sand, Gravel, Shells, Clay, Salt, and Slag	3,005,656
		4600	Non-Ferrous Ores and Scrap	248,606
		5155	Primary Non-Metal Products	1,044,958
		5354	Primary Metal Products	559,688
		6168	Food and Food Products	1,389,063
		7000	Manufactured Goods	73,363
	*****			-----
	sum			25,061,154
Gulf Coast West		1000	Coal, Lignite, and Coal Coke	166,298
		2100	Crude Petroleum	212,904,826
		2229	Petroleum Products	31,322,606
		3100	Chemical Fertilizers	75,750

ORIGIN AND DESTINATION OF WATERBORNE COMMERCE OF THE UNITED STATES, 1998

ORIGIN	DESTINATION	CODE	COMMODITY	TONS
Rest of World (Overseas)	Gulf Coast West	3200	Chemicals excluding Fertilizers	3,987,990
		4142	Lumber, Logs, Wood Chips, and Pulp	354,990
		4349	Sand, Gravel, Shells, Clay, Salt, and Slag	6,179,644
		4400	Iron Ore, Iron, and Steel Waste and Scrap	190,947
		4600	Non-Ferrous Ores and Scrap	9,281,770
		5155	Primary Non-Metal Products	2,970,922
		5354	Primary Metal Products	7,096,429
		6168	Food and Food Products	2,092,273
		7000	Manufactured Goods	1,070,136
		8099	Unknown and Not Elsewhere Classified Products	78,675

	sum			277,773,256
Hawaii & Pacific Territory		1000	Coal, Lignite, and Coal Coke	681,810
		2100	Crude Petroleum	4,557,039
		2229	Petroleum Products	592,852
		3100	Chemical Fertilizers	411
		3200	Chemicals excluding Fertilizers	4,933
		4142	Lumber, Logs, Wood Chips, and Pulp	451
		4349	Sand, Gravel, Shells, Clay, Salt, and Slag	22,578
		4600	Non-Ferrous Ores and Scrap	4
		5155	Primary Non-Metal Products	247,508
		5354	Primary Metal Products	7,121
		6168	Food and Food Products	60,236
		7000	Manufactured Goods	36,012
		8099	Unknown and Not Elsewhere Classified Products	496

	sum			6,211,451
Lower Miss: Baton Rouge - G		1000	Coal, Lignite, and Coal Coke	1,940,338
		2100	Crude Petroleum	36,612,495
		2229	Petroleum Products	7,942,044
		3100	Chemical Fertilizers	2,546,984
		3200	Chemicals excluding Fertilizers	1,296,707
		4142	Lumber, Logs, Wood Chips, and Pulp	488,593
		4349	Sand, Gravel, Shells, Clay, Salt, and Slag	4,196,526
		4400	Iron Ore, Iron, and Steel Waste and Scrap	3,838,583
		4600	Non-Ferrous Ores and Scrap	6,096,121
		5155	Primary Non-Metal Products	3,844,252
		5354	Primary Metal Products	14,892,003
		6168	Food and Food Products	1,470,682
		7000	Manufactured Goods	264,684
		8099	Unknown and Not Elsewhere Classified Products	22,540

	sum			85,452,552
Middle Atlantic Coast		1000	Coal, Lignite, and Coal Coke	2,199,117
		2100	Crude Petroleum	64,618,719
		2229	Petroleum Products	26,782,918
		3100	Chemical Fertilizers	539,963

ORIGIN AND DESTINATION OF WATERBORNE COMMERCE OF THE UNITED STATES, 1998

ORIGIN	DESTINATION	CODE	COMMODITY	TONS
Rest of World (Overseas)	Middle Atlantic Coast	3200	Chemicals excluding Fertilizers	4,309,055
		4142	Lumber, Logs, Wood Chips, and Pulp	1,130,217
		4349	Sand, Gravel, Shells, Clay, Salt, and Slag	4,109,981
		4400	Iron Ore, Iron, and Steel Waste and Scrap	2,602,636
		4600	Non-Ferrous Ores and Scrap	1,067,429
		5155	Primary Non-Metal Products	6,550,724
		5354	Primary Metal Products	7,702,808
		6168	Food and Food Products	10,949,213
		7000	Manufactured Goods	6,797,763
		8099	Unknown and Not Elsewhere Classified Products	112,679
	*****			-----
	sum			139,473,222
Mobile River & Tributary		1000	Coal, Lignite, and Coal Coke	1,763,427
		2100	Crude Petroleum	4,688,496
		2229	Petroleum Products	579,836
		3100	Chemical Fertilizers	279
		3200	Chemicals excluding Fertilizers	45,032
		4142	Lumber, Logs, Wood Chips, and Pulp	141,472
		4349	Sand, Gravel, Shells, Clay, Salt, and Slag	1,062,573
		4400	Iron Ore, Iron, and Steel Waste and Scrap	2,760,194
		4600	Non-Ferrous Ores and Scrap	355,287
		5155	Primary Non-Metal Products	357,280
	*****			-----
	sum			13,127,110
North Atlantic Coast		1000	Coal, Lignite, and Coal Coke	1,824,426
		2100	Crude Petroleum	9,584,693
		2229	Petroleum Products	14,273,633
		3100	Chemical Fertilizers	26
		3200	Chemicals excluding Fertilizers	153,911
		4142	Lumber, Logs, Wood Chips, and Pulp	43,080
		4349	Sand, Gravel, Shells, Clay, Salt, and Slag	1,533,402
		4600	Non-Ferrous Ores and Scrap	1,227
		5155	Primary Non-Metal Products	502,887
		5354	Primary Metal Products	1,184,323
	*****			-----
	sum			29,906,001
Other		2100	Crude Petroleum	35,578,536
	*****			-----
	sum			35,578,536

ORIGIN AND DESTINATION OF WATERBORNE COMMERCE OF THE UNITED STATES, 1998

ORIGIN	DESTINATION	CODE	COMMODITY	TONS	
Rest of World (Overseas)	South Atlantic Coast	1000	Coal, Lignite, and Coal Coke	2,090,037	
		2100	Crude Petroleum	742,159	
		2229	Petroleum Products	9,085,425	
		3100	Chemical Fertilizers	290,547	
		3200	Chemicals excluding Fertilizers	2,223,558	
		4142	Lumber, Logs, Wood Chips, and Pulp	1,081,088	
		4349	Sand, Gravel, Shells, Clay, Salt, and Slag	4,161,743	
		4400	Iron Ore, Iron, and Steel Waste and Scrap	577,113	
		4600	Non-Ferrous Ores and Scrap	626,212	
		5155	Primary Non-Metal Products	6,390,087	
		5354	Primary Metal Products	3,392,006	
		6168	Food and Food Products	3,279,047	
		7000	Manufactured Goods	5,781,864	
		8099	Unknown and Not Elsewhere Classified Products	118,275	

		sum		39,839,161	
	Washington/Oregon Coast	1000	Coal, Lignite, and Coal Coke	2,136	
		2100	Crude Petroleum	1,171,917	
		2229	Petroleum Products	69,565	
		3100	Chemical Fertilizers	1,119	
		3200	Chemicals excluding Fertilizers	358,180	
		4142	Lumber, Logs, Wood Chips, and Pulp	204,829	
		4349	Sand, Gravel, Shells, Clay, Salt, and Slag	1,353,043	
		4400	Iron Ore, Iron, and Steel Waste and Scrap	368	
		4600	Non-Ferrous Ores and Scrap	1,197,148	
		5155	Primary Non-Metal Products	733,221	
		5354	Primary Metal Products	887,818	
		6168	Food and Food Products	383,981	
		7000	Manufactured Goods	4,052,615	
		8099	Unknown and Not Elsewhere Classified Products	34,111	

		sum		10,450,051	

sum				779,652,143	
South Atlantic Coast	Canada	2229	Petroleum Products	9,485	
		3200	Chemicals excluding Fertilizers	16,709	
		4142	Lumber, Logs, Wood Chips, and Pulp	89,376	
		4349	Sand, Gravel, Shells, Clay, Salt, and Slag	168,803	
		5155	Primary Non-Metal Products	914	
		5354	Primary Metal Products	344	
		6168	Food and Food Products	3,412	
		7000	Manufactured Goods	2,628	
		8099	Unknown and Not Elsewhere Classified Products	60	

		sum		291,731	

ORIGIN AND DESTINATION OF WATERBORNE COMMERCE OF THE UNITED STATES, 1998

ORIGIN	DESTINATION	CODE	COMMODITY	TONS
South Atlantic Coast	Carribean	2229	Petroleum Products	43,125
		3100	Chemical Fertilizers	8,277
		3200	Chemicals excluding Fertilizers	190,833
		4142	Lumber, Logs, Wood Chips, and Pulp	30,244
		4349	Sand, Gravel, Shells, Clay, Salt, and Slag	15,484
		4600	Non-Ferrous Ores and Scrap	1,362
		5155	Primary Non-Metal Products	235,675
		5354	Primary Metal Products	112,320
		6168	Food and Food Products	771,359
		7000	Manufactured Goods	1,166,541
		8099	Unknown and Not Elsewhere Classified Products	1,414
	*****			-----
	sum			2,576,634
Gulf Coast East		8099	Unknown and Not Elsewhere Classified Products	39,158
	*****			-----
	sum			39,158
Gulf Coast West		2100	Crude Petroleum	262,024
		2229	Petroleum Products	222,474
		6168	Food and Food Products	102,641
		8099	Unknown and Not Elsewhere Classified Products	66,164
	*****			-----
	sum			653,303
Lower Miss: Baton Rouge - G		8099	Unknown and Not Elsewhere Classified Products	82,027
	*****			-----
	sum			82,027
Middle Atlantic Coast		4142	Lumber, Logs, Wood Chips, and Pulp	145,224
		5354	Primary Metal Products	101,648
		6168	Food and Food Products	571,520
		7000	Manufactured Goods	7,936
		8099	Unknown and Not Elsewhere Classified Products	87,970
	*****			-----
	sum			914,298
North Atlantic Coast		8099	Unknown and Not Elsewhere Classified Products	5,400
	*****			-----
	sum			5,400
Other		8099	Unknown and Not Elsewhere Classified Products	400
	*****			-----
	sum			400
Rest of World (Overseas)		1000	Coal, Lignite, and Coal Coke	10,025
		2100	Crude Petroleum	1,410
		2229	Petroleum Products	314,893
		3100	Chemical Fertilizers	1,132,297

ORIGIN AND DESTINATION OF WATERBORNE COMMERCE OF THE UNITED STATES, 1998

ORIGIN	DESTINATION	CODE	COMMODITY	TONS
South Atlantic Coast	Rest of World (Overseas)	3200	Chemicals excluding Fertilizers	3,099,836
		4142	Lumber, Logs, Wood Chips, and Pulp	4,304,065
		4349	Sand, Gravel, Shells, Clay, Salt, and Slag	3,601,189
		4400	Iron Ore, Iron, and Steel Waste and Scrap	41,148
		4600	Non-Ferrous Ores and Scrap	90,078
		5155	Primary Non-Metal Products	2,955,686
		5354	Primary Metal Products	506,723
		6168	Food and Food Products	4,012,147
		7000	Manufactured Goods	3,931,609
		8099	Unknown and Not Elsewhere Classified Products	203,970
	*****			-----
	sum			24,205,076
	South Atlantic Coast	2229	Petroleum Products	4,326,128
		3200	Chemicals excluding Fertilizers	1,613,128
		4400	Iron Ore, Iron, and Steel Waste and Scrap	36,861
		5155	Primary Non-Metal Products	25,702
		5354	Primary Metal Products	53,077
		6168	Food and Food Products	487,886
		7000	Manufactured Goods	169,764
		8099	Unknown and Not Elsewhere Classified Products	1,187,867
	*****			-----
	sum			7,900,413
*****				-----
sum				36,668,440
Tennessee River	Arkansas River	8099	Unknown and Not Elsewhere Classified Products	37,325
		*****		-----
	sum			37,325
	Great Lakes System	4142	Lumber, Logs, Wood Chips, and Pulp	6,905
		8099	Unknown and Not Elsewhere Classified Products	49,728
	*****			-----
	sum			56,633
	Gulf Coast East	4349	Sand, Gravel, Shells, Clay, Salt, and Slag	531,687
		8099	Unknown and Not Elsewhere Classified Products	470,162
	*****			-----
	sum			1,001,849
	Gulf Coast West	2229	Petroleum Products	39,488
		3200	Chemicals excluding Fertilizers	95,531
		4349	Sand, Gravel, Shells, Clay, Salt, and Slag	611,786
		5354	Primary Metal Products	26,637
		8099	Unknown and Not Elsewhere Classified Products	27,527
	*****			-----
	sum			800,969

ORIGIN AND DESTINATION OF WATERBORNE COMMERCE OF THE UNITED STATES, 1998

ORIGIN	DESTINATION	CODE	COMMODITY	TONS
Tennessee River	Illinois Waterway	3100	Chemical Fertilizers	14,665
		3200	Chemicals excluding Fertilizers	98,397
		4142	Lumber, Logs, Wood Chips, and Pulp	35,210
		4349	Sand, Gravel, Shells, Clay, Salt, and Slag	12,394
		4400	Iron Ore, Iron, and Steel Waste and Scrap	11,993
		8099	Unknown and Not Elsewhere Classified Products	7,675
	*****			-----
	sum			180,334
Lower Miss: Baton Rouge - G	1000	Coal, Lignite, and Coal Coke	49,345	
	2229	Petroleum Products	26,247	
	3200	Chemicals excluding Fertilizers	13,826	
	4349	Sand, Gravel, Shells, Clay, Salt, and Slag	2,533,550	
	6168	Food and Food Products	1,101,733	
	8099	Unknown and Not Elsewhere Classified Products	15,281	
	*****			-----
	sum			3,739,982
Lower Miss: Cairo - Baton R	3100	Chemical Fertilizers	7,663	
	8099	Unknown and Not Elsewhere Classified Products	3,308,145	
	*****			-----
	sum			3,315,808
Lower Upper Mississippi Riv	3100	Chemical Fertilizers	10,283	
	3200	Chemicals excluding Fertilizers	39,956	
	4349	Sand, Gravel, Shells, Clay, Salt, and Slag	6,284	
	8099	Unknown and Not Elsewhere Classified Products	433,928	
	*****			-----
	sum			490,451
Middle Atlantic Coast	8099	Unknown and Not Elsewhere Classified Products	2,478	
	*****			-----
	sum			2,478
Missouri River	8099	Unknown and Not Elsewhere Classified Products	17,587	
	*****			-----
	sum			17,587
Mobile River & Tributary	4142	Lumber, Logs, Wood Chips, and Pulp	168,784	
	4349	Sand, Gravel, Shells, Clay, Salt, and Slag	227,071	
	8099	Unknown and Not Elsewhere Classified Products	26,295	
	*****			-----
	sum			422,150
Ohio River System	1000	Coal, Lignite, and Coal Coke	3,830,135	
	2229	Petroleum Products	33,315	
	3100	Chemical Fertilizers	19,155	
	3200	Chemicals excluding Fertilizers	109,979	
	4142	Lumber, Logs, Wood Chips, and Pulp	7,456	

ORIGIN AND DESTINATION OF WATERBORNE COMMERCE OF THE UNITED STATES, 1998

ORIGIN	DESTINATION	CODE	COMMODITY	TONS
Tennessee River	Ohio River System	4349	Sand, Gravel, Shells, Clay, Salt, and Slag	163,833
		4400	Iron Ore, Iron, and Steel Waste and Scrap	11,569
		4600	Non-Ferrous Ores and Scrap	65,525
		5354	Primary Metal Products	113,680
		8099	Unknown and Not Elsewhere Classified Products	17,437
	*****			-----
	sum			4,372,084
	Tennessee River	3100	Chemical Fertilizers	4,699
		3200	Chemicals excluding Fertilizers	72,817
		4349	Sand, Gravel, Shells, Clay, Salt, and Slag	2,817,422
		5354	Primary Metal Products	11,467
		6168	Food and Food Products	213,137
	*****			-----
	sum			5,608,740
	Upper Mississippi River	3100	Chemical Fertilizers	29,800
		8099	Unknown and Not Elsewhere Classified Products	221,748
	*****			-----
	sum			251,548
*****				-----
sum				20,297,938
Trans-Shipment Area	Carribean	8099	Unknown and Not Elsewhere Classified Products	223,363
	*****			-----
	sum			223,363
	South Atlantic Coast	8099	Unknown and Not Elsewhere Classified Products	36,562
	*****			-----
	sum			36,562
*****				-----
sum				259,925
Upper Mississippi River	Arkansas River	3100	Chemical Fertilizers	14,593
		6168	Food and Food Products	66,722
	*****			-----
	sum			81,315
	Great Lakes System	8099	Unknown and Not Elsewhere Classified Products	4,583

	sum			4,583
	Gulf Coast West	2229	Petroleum Products	51,246

ORIGIN AND DESTINATION OF WATERBORNE COMMERCE OF THE UNITED STATES, 1998

ORIGIN	DESTINATION	CODE	COMMODITY	TONS
Upper Mississippi River	Gulf Coast West	8099	Unknown and Not Elsewhere Classified Products	19,415
	*****			-----
	sum			70,661
	Illinois Waterway	2229	Petroleum Products	62,971
		3100	Chemical Fertilizers	83,327
		8099	Unknown and Not Elsewhere Classified Products	402,930
	*****			-----
	sum			549,228
	Lower Miss: Baton Rouge - G	2229	Petroleum Products	90,518
		3100	Chemical Fertilizers	9,154
		3200	Chemicals excluding Fertilizers	39,104
		6168	Food and Food Products	20,289,801
		8099	Unknown and Not Elsewhere Classified Products	12,736
	*****			-----
	sum			20,441,313
Lower Miss: Cairo - Baton R		3100	Chemical Fertilizers	75,263
		4400	Iron Ore, Iron, and Steel Waste and Scrap	112,890
		6168	Food and Food Products	521,114
		8099	Unknown and Not Elsewhere Classified Products	8,994
	*****			-----
	sum			718,261
Lower Upper Mississippi Riv		1000	Coal, Lignite, and Coal Coke	129,882
		4349	Sand, Gravel, Shells, Clay, Salt, and Slag	70,917
		6168	Food and Food Products	15,722
		8099	Unknown and Not Elsewhere Classified Products	127,777
	*****			-----
Missouri River				344,298
	sum			
Missouri River		8099	Unknown and Not Elsewhere Classified Products	112,679
	*****			-----
Mobile River & Tributary				112,679
	sum			
Mobile River & Tributary		8099	Unknown and Not Elsewhere Classified Products	4,512
	*****			-----
Ohio River System				4,512
	sum			
Ohio River System		2229	Petroleum Products	208,755
		3100	Chemical Fertilizers	79,064
		6168	Food and Food Products	300,024
		7000	Manufactured Goods	3,336
		8099	Unknown and Not Elsewhere Classified Products	74,496
Tennessee River	*****			-----
	sum			665,675
Tennessee River		6168	Food and Food Products	1,892,162
		8099	Unknown and Not Elsewhere Classified Products	115,698

ORIGIN AND DESTINATION OF WATERBORNE COMMERCE OF THE UNITED STATES, 1998

ORIGIN	DESTINATION	CODE	COMMODITY	TONS
	*****			-----
	sum			2,007,860
Upper Mississippi River	Upper Mississippi River	1000	Coal, Lignite, and Coal Coke	2,065,702
		2229	Petroleum Products	338,701
		3100	Chemical Fertilizers	206,229
		3200	Chemicals excluding Fertilizers	52,192
		4349	Sand, Gravel, Shells, Clay, Salt, and Slag	3,175,302
		5155	Primary Non-Metal Products	251,182
		6168	Food and Food Products	149,383
		8099	Unknown and Not Elsewhere Classified Products	9,920
	*****			-----
	sum			6,248,611
*****				-----
sum				31,248,996
Washington/Oregon Coast	Alaska	2229	Petroleum Products	259,382
		3100	Chemical Fertilizers	7,112
		3200	Chemicals excluding Fertilizers	28,756
		4142	Lumber, Logs, Wood Chips, and Pulp	59,349
		4349	Sand, Gravel, Shells, Clay, Salt, and Slag	10,089
		5155	Primary Non-Metal Products	107,264
		5354	Primary Metal Products	103,009
		6168	Food and Food Products	657,589
		7000	Manufactured Goods	1,198,255
		8099	Unknown and Not Elsewhere Classified Products	60,063
	*****			-----
	sum			2,490,868
	California Coast	2229	Petroleum Products	3,032,887
		3200	Chemicals excluding Fertilizers	272,566
		4142	Lumber, Logs, Wood Chips, and Pulp	160,765
		8099	Unknown and Not Elsewhere Classified Products	161,045
	*****			-----
	sum			3,627,263
	Canada	2229	Petroleum Products	946,802
		3100	Chemical Fertilizers	20
		3200	Chemicals excluding Fertilizers	62,776
		4142	Lumber, Logs, Wood Chips, and Pulp	210,588
		4349	Sand, Gravel, Shells, Clay, Salt, and Slag	576,605
		4600	Non-Ferrous Ores and Scrap	10,916
		5155	Primary Non-Metal Products	1,117
		5354	Primary Metal Products	401
		6168	Food and Food Products	8,687
		7000	Manufactured Goods	30,378
		8099	Unknown and Not Elsewhere Classified Products	64

ORIGIN AND DESTINATION OF WATERBORNE COMMERCE OF THE UNITED STATES, 1998

ORIGIN	DESTINATION	CODE	COMMODITY	TONS

	sum			1,848,354
Washington/Oregon Coast	Columbia/Snake/Willamette	2229	Petroleum Products	987,931
		4142	Lumber, Logs, Wood Chips, and Pulp	482,961
		8099	Unknown and Not Elsewhere Classified Products	3,600

	sum			1,474,492
	Gulf Coast East	8099	Unknown and Not Elsewhere Classified Products	82,946

	sum			82,946
	Gulf Coast West	2229	Petroleum Products	219,795
		3200	Chemicals excluding Fertilizers	35,075

	sum			254,870
Hawaii & Pacific Territory	2229	Petroleum Products	211,051	
	3100	Chemical Fertilizers	43,441	
	3200	Chemicals excluding Fertilizers	15,750	
	4142	Lumber, Logs, Wood Chips, and Pulp	111,896	
	5155	Primary Non-Metal Products	118,732	
	5354	Primary Metal Products	27,818	
	7000	Manufactured Goods	230,897	
	8099	Unknown and Not Elsewhere Classified Products	179,287	

	sum			938,872
Other	8099	Unknown and Not Elsewhere Classified Products	7,890	

	sum			7,890
Rest of World (Overseas)	1000	Coal, Lignite, and Coal Coke	1,110	
	2229	Petroleum Products	1,067,793	
	3100	Chemical Fertilizers	18,090	
	3200	Chemicals excluding Fertilizers	702,123	
	4142	Lumber, Logs, Wood Chips, and Pulp	6,344,465	
	4349	Sand, Gravel, Shells, Clay, Salt, and Slag	121,808	
	4400	Iron Ore, Iron, and Steel Waste and Scrap	253,346	
	4600	Non-Ferrous Ores and Scrap	68,231	
	5155	Primary Non-Metal Products	885,931	
	5354	Primary Metal Products	242,940	
	6168	Food and Food Products	7,510,669	
	7000	Manufactured Goods	513,079	
	8099	Unknown and Not Elsewhere Classified Products	54,857	

	sum			17,784,442
South Atlantic Coast	8099	Unknown and Not Elsewhere Classified Products	34,155	

ORIGIN AND DESTINATION OF WATERBORNE COMMERCE OF THE UNITED STATES, 1998

ORIGIN	DESTINATION	CODE COMMODITY	TONS
	*****		-----
	sum		34,155
Washington/Oregon Coast	Washington/Oregon Coast	2229 Petroleum Products	5,105,919
		4142 Lumber, Logs, Wood Chips, and Pulp	4,335,819
		4349 Sand, Gravel, Shells, Clay, Salt, and Slag	3,038,149
		5155 Primary Non-Metal Products	19,330
		5354 Primary Metal Products	14,227
		7000 Manufactured Goods	29,100
		8099 Unknown and Not Elsewhere Classified Products	121,182
	*****		-----
	sum		12,663,726
*****			-----
sum			41,207,878

sum			2,339,500,081